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ROSS

Seeds of Quality

Spring 1952

Ross Bros. Co.

Commercial St.

Worcester, Mass.



Ross' Lawn Seed

High Germination • Tested Purity • Approved Formulas
1843-1952 — 109 Years

PERFECT Lawns Within Reach of All. All of Ross' Celebrated Lawn Grass Seeds are particularly suited to the New England conditions. When properly used, they produce thick velvety lawns of the finest type in a few weeks.

Worcester Lawn Seed

The Worcester Lawn Seed is our own mixture made from a formula which has been given a great deal of careful study and we are positive that no better general purpose lawn seed can be made. **Price: Lb., 90c; 2 lbs., \$1.80; 5 lbs., \$4.30; 10 lbs., \$8.10; 100 lbs., \$76.00.**

Green Hill Lawn Seed

This is composed of only four varieties of grasses as follows: Creeping Bent, Rye Grass, Kentucky Blue and Red Top. These are four of the best lawn grasses known. **Price: Lb., \$1.00; 5 lbs., \$4.85; 10 lbs., \$9.20; 100 lbs., \$87.00.**

Truegreen Lawn Seed

This is a mixture of three of the best so-called lawn grasses and is adapted to almost any ordinary situation. **Price: Lb., 75c; 5 lbs., \$3.40; 10 lbs., \$6.30; 100 lbs., \$58.00.**

Shady Spot Lawn Seed

It is possible to produce a lawn under almost any conditions but to do this in a situation where shade predominates the greater part of the time is very difficult. A shady location requires special treatment of the soil and in almost every shady spot lime must be added, but most important is the selection of the seed. **Price: Lb., \$1.10; 5 lbs., \$5.25; 10 lbs., \$10.00; 100 lbs., \$95.00.**

Golf Course Mixtures

For Putting Greens and Fair Greens

Both the fairways and greens require a mixture of seed which will bear very close cutting and which will produce a turf of a strong, persistent nature. We offer mixtures which are of the highest purity and germination.

MIXTURE FOR PUTTING GREENS. Lb., \$1.55; 5 lbs., \$7.65; 10 lbs., \$14.80; 100 lbs., \$138.00.

MIXTURE FOR FAIRWAYS. Lb., 65c; 5 lbs., \$3.15; 10 lbs., \$5.80; 100 lbs., \$53.00.

Athletic and Playground Mixture

Lb., \$1.20; 5 lbs., \$5.90; 10 lbs., \$11.30; 100 lbs., \$108.00.

Cemetery Mixture

This is especially adapted to light gravelly or sandy soil. **Price: Lb., \$1.00; 5 lbs., \$4.85; 10 lbs., \$9.20; 100 lbs., \$87.00.**

Terrace and Bank Mixture

It is mixed from grasses which naturally grow a strong, creeping root and are very valuable in holding the soil in place, preventing serious washouts during heavy rains. The seed starts quickly. **Price: Lb., 95c; 5 lbs., \$4.45; 10 lbs., \$8.40; 100 lbs., \$79.00.**

Special Mixtures of Grass Seed

In addition to the several mixtures of grass seeds which we list in this catalog, we can supply grass seed in mixtures suitable for almost any purpose or location.

We will also be pleased to name prices on any special formula on request.

NOTICE.—No price for any article listed in this catalog exceeds the ceiling price for that article as determined under O.P.S. Regulation.

THE ROSS BROS. CO. warrants to the extent of the purchase price that seeds, bulbs or plants sold are as described on the container within recognized tolerances. Seller gives no other or further warranty, express or implied.

PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

ROSS BROS. CO.

179-181 Commercial St.

Worcester 8, Mass.

Directions For Ordering

PLEASE USE OUR ORDER SHEET. It will be a help to us in filling your order correctly. If you desire to write us, use a separate sheet of paper. Be sure to give your full name and address on all orders and letters.

KEEP A COPY OF YOUR ORDER. Sometimes customers complain of not receiving goods which were not ordered. If goods ordered do not reach you in a reasonable time, advise us and send us a copy of your order.

HOW TO SEND MONEY. Remittances can be sent safely by Post Office Money Order, Bank Draft, Express Money Order, Check or by Registered Letter. We do accept stamps for small amounts.

Do not send coins loose in an envelope as they may break through. If bills are sent, your letter should be registered.

ORDER EARLY — We endeavor to fill all orders as soon as received, but during the rush season of April and May, delays are sometimes unavoidable. This, however, can be partly overcome if our patrons will send us their orders early.

FREE DELIVERY — All Vegetable Seeds, Flower Seeds and Bulbs offered in this catalogue will be delivered **transportation paid** in the United States at prices listed. In making this Free Delivery offer we reserve the right to ship goods by Parcel Post, Express or Freight. Other items of seeds and other merchandise will be sent transportation collect unless otherwise noted in this catalogue.

GRASS AND FIELD SEEDS — All Grass and Field Seeds, Onion Sets and Potatoes are shipped only at purchaser's expense by express or freight, as ordered. Prices quoted in this catalogue are F.O.B. Worcester. Small quantities of Grass or Field Seeds sent by Parcel Post if postage is added at parcel post rates.

NOTICE — While it is not our custom to substitute, we feel that in the event of our being sold out of any variety it would be to the advantage of our patrons to allow us this privilege, for, if on receipt of any substitute it is not perfectly satisfactory, the same may be returned and money paid will be refunded.

Telegraph your order with Western Union Money Transfer and goods will be shipped same day order is received.

Add Postage to your order as indicated below—if required.

See Free Delivery on other side.

Weight in Lbs.	Local	PARCEL POST RATES							
		ZONES							
		1-2	3	4	5	6	7	8	
1....	\$0.15	\$0.17	\$0.17	\$0.19	\$0.21	\$0.23	\$0.25	\$0.27	
2....	.17	.20	.21	.24	.28	.33	.37	.41	
3....	.18	.22	.24	.29	.35	.42	.48	.55	
4....	.19	.25	.28	.34	.42	.51	.60	.69	
5....	.20	.27	.31	.38	.48	.60	.71	.83	
6....	.22	.29	.35	.43	.55	.70	.83	.97	
7....	.23	.32	.38	.48	.62	.79	.94	1.11	
8....	.24	.34	.42	.53	.69	.88	1.06	1.25	
9....	.25	.37	.45	.57	.75	.97	1.17	1.39	
10....	.27	.39	.49	.62	.82	1.07	1.29	1.53	
11....	.28	.41	.52	.67	.89	1.16	1.40	1.67	
12....	.29	.44	.56	.72	.96	1.25	1.52	1.81	
13....	.30	.46	.59	.76	1.02	1.34	1.63	1.95	
14....	.32	.49	.63	.81	1.09	1.44	1.75	2.09	
15....	.33	.51	.66	.86	1.16	1.53	1.86	2.23	
16....	.34	.53	.70	.91	1.23	1.62	1.98	2.37	
17....	.35	.56	.73	.95	1.29	1.71	2.09	2.51	
18....	.37	.58	.77	1.00	1.36	1.81	2.21	2.65	
19....	.38	.61	.80	1.05	1.43	1.90	2.32	2.79	
20....	.39	.63	.84	1.10	1.50	1.99	2.44	2.93	
21....	.40	.65	.87	1.14	1.56	2.08	2.55	3.07	
22....	.42	.68	.91	1.19	1.63	2.18	2.67	3.21	
23....	.43	.70	.94	1.24	1.70	2.27	2.78	3.35	
24....	.44	.73	.98	1.29	1.77	2.36	2.90	3.49	
25....	.45	.75	1.01	1.33	1.83	2.45	3.01	3.63	
26....	.47	.77	1.05	1.38	1.90	2.55	3.13	3.77	
27....	.48	.80	1.08	1.43	1.97	2.64	3.24	3.91	
28....	.49	.82	1.12	1.48	2.04	2.73	3.36	4.05	
29....	.50	.85	1.15	1.52	2.10	2.82	3.47	4.19	
30....	.52	.87	1.19	1.57	2.17	2.92	3.59	4.33	
31....	.53	.89	1.22	1.62	2.24	3.01	3.70	4.47	
32....	.54	.92	1.26	1.67	2.31	3.10	3.82	4.61	
33....	.55	.94	1.29	1.71	2.37	3.19	3.93	4.75	
34....	.57	.97	1.33	1.76	2.44	3.29	4.05	4.89	
35....	.58	.99	1.36	1.81	2.51	3.38	4.16	5.03	
36....	.59	1.01	1.40	1.86	2.58	3.47	4.28	5.17	
37....	.60	1.04	1.43	1.90	2.64	3.56	4.39	5.31	
38....	.62	1.06	1.47	1.95	2.71	3.66	4.51	5.45	
39....	.63	1.09	1.50	2.00	2.78	3.75	4.62	5.59	
40....	.64	1.11	1.54	2.05	2.85	3.84	4.74	5.73	

LOCAL DELIVERIES

Because of conditions concerning transportation, we can deliver only when accumulated orders and delivery schedule permits. If immediate delivery is wanted we will ship by local truckman at customer's expense.

All prices subject to change without notice.

Most of the failures with seeds, plants, and bulbs are due to causes entirely beyond our control such as unfavorable weather or soil conditions, too deep or too shallow planting, which renders it impossible for us to guarantee success.

THE ROSS BROS. CO. warrants to the extent of the purchase price that seeds, bulbs or plants sold are as described on the container within recognized tolerances. Seller gives no other or further warranty, expressed or implied.

ROSS BROS. CO.

Ross' Lawn and Agricultural Grasses

PRICES

of all Grass Seeds subject to market changes. Prices include bags or sacks unless otherwise noted. Prices f.o.b. Worcester.

ASTORIA BENT (Botanically the same as Rhode Island or Colonial Bent.) Of fine growth, forming a close and permanent sod. One of the best lawn grasses and very desirable for golf courses and polo grounds.

Lb., \$2.00; 5 lbs., \$9.50; 10 lbs. or more, \$1.85 per lb.
HIGHLAND BENT. A strain of Colonial Bent, desirable for lawns; it spreads from underground rootstocks and will withstand drought better than other varieties.

Lb., \$1.80; 5 lbs., \$8.50; 10 lbs. or more, \$1.65 per lb.
SEASIDE BENT. Sometimes called Coos County Bent, it is fine leaved and produces runners or stolons which, when they come in contact with the soil, take root and grow. It is an excellent Bent for putting greens and lawns. Withstands shade quite well.

Lb., \$1.90; 5 lbs., \$9.00; 10 lbs. or over, \$1.75 per lb.
BIRDSFOOT TREFOIL. It is a long-lived perennial, doing well on all kinds of soil. This plant appears to answer the demand for a deep-rooted, drought-resistant perennial legume that will grow and persist under grazing. The results of analysis indicate that it is equal to the other hay and pasture legumes in feeding value. Broadcast at the rate of 5 pounds per acre. Lb., 80c; 5 lbs., \$3.50.

BROME GRASS (*Bromus Inermis*). It is a large-leaved perennial. It spreads by underground roots. Consequently, it is usually a strong sod grass and is well adapted to pasturing. It is a cold and drought-resistant grass. It is tall growing, reaching a height of two to five feet. 15 pounds per acre when used alone, 7 or 8 pounds when used with alfalfa. Lb., 40c; 10 lbs., \$3.60.

CANADIAN BLUE GRASS (*Poa compressa*). A hardy perennial with creeping root-stalks which form a strong turf. Lb., 95c; 10 lbs., \$9.00.

CHEWINGS' FESCUE (*Festuca rubra*). Its leaves are bright green and the plant does not grow in tufts but creeps by underground stems, so that one plant may eventually cover a circle 2 to 4 feet in diameter. It is used mainly as a lawn plant. On sandy or gravelly soil it makes exquisite lawns. Lb., \$1.40; 10 lbs., \$13.00.

CREeping RED FESCUE. Produces a turf similar to Chewings' Fescue, spreading by underground runners that make an extremely tight sod. It does well on all types of soil. Ideal for lawns, cemeteries and playgrounds. Lb., \$1.30; 10 lbs., \$12.00.

ILLAHEE FESCUE, CERTIFIED. It is a new strain of creeping Red Fescue. It spreads from roots that creep underground, putting up new growth. It is a perennial grass that easily thickens up into a dense carpet of green turf. It does well in poor soil and is rated highly resistant to drought and disease. It will stand heavy wear and is desirable for playgrounds. Lb., \$1.55; 10 lbs., \$14.50.

KENTUCKY BLUE GRASS (*Poa pratensis*). 85% pure. One of the most valuable grasses for pasture and lawn, requires some time to become established, but lasts indefinitely on congenial soils. Sown with white clover, it forms a splendid lawn. Lb., 85c; 10 lbs., \$7.90.

KENTUCKY BLUE GRASS. 98% pure. Lb., \$1.00; 10 lbs., \$9.60.

MEADOW FESCUE (*Festuca pratensis*). Largely used for permanent mowing mixtures. Lb., 45c; 10 lbs., \$4.10.

ORCHARD GRASS (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Lb., 45c; 10 lbs., \$3.90.

POA TRIVIALIS. Ideal for shade. It is a perennial and grows in soil that is moist and cool. Lb., 85c; 10 lbs., \$8.20.

REED CANARY GRASS. A tall growing water grass, thriving in brooks, ditches, ponds, and marshy tracts of land. It is of good nutritive value. Lb., 60c; 10 lbs. or over, 53c per lb.

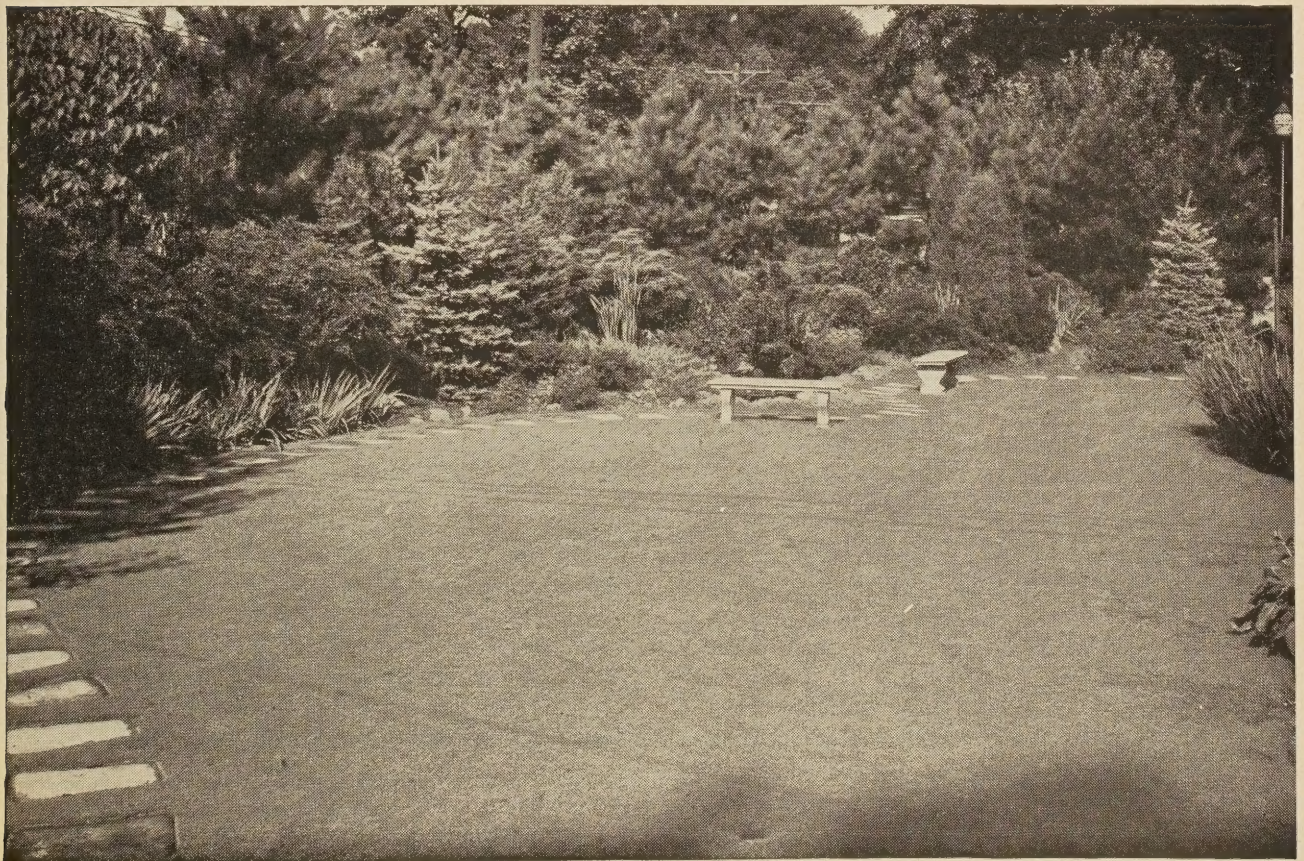
RED TOP, RECLEANED. 92% pure. This is one of the best grasses for sowing for immediate effect. Lb., 60c; 10 lbs., \$5.50; 100 lbs., \$53.00.

RED TOP, FANCY RECLEANED. 98% pure. Lb., 67c; 10 lbs., \$6.20; 100 lbs., \$60.00.

RYE GRASS, DOMESTIC. Used extensively in lawn mixtures. Lb., 25c; 10 lbs., \$2.20; 100 lbs., \$20.00.

RYE GRASS, PERENNIAL (*Lolium perenne*). Of rapid growth and productive; produces a strong growth in 4 to 5 weeks. Lb., 35c; 10 lbs., \$3.00.

WORCESTER GRADE TIMOTHY. Our Worcester Grade is a seed which is of the highest quality at the start. Taken from the best fields of full ripe seed, we can assure you, that after going through the cleaning process we can guarantee a purity of 99.50 per cent. Lb., 25c; 10 lbs., \$2.05; 100 lbs., \$18.50.



CLOVERS

*Natural Soil Improvers
Unexcelled for
Stock Feeding*



Sweet
Clover

Sweet Clover

The Greatest Soil Renovator, Hay and Pasture Crop.

BOKHARA or SWEET CLOVER (*Melilotus alba*). A native of all parts of the United States and Canada. It is an erect branching biennial plant with woody stems growing the first season 2 to 3 feet high and developing a large root. The second year's growth usually reaches a height of 4 to 7 feet.

Lb., 30c; 10 lbs. or more, 24c per lb.

WILD WHITE CLOVER. It is a wild form of cultivated White Dutch Clover, compared to White Dutch it has smaller leaves, stems and flower heads. It is a true perennial, used on lawns and pastures. It spreads by surface runners, which root at the joints and therefore can survive indefinitely. Lb., \$1.40; 5 lbs., \$6.50.

Grass Seed Mixtures for Hay and Permanent Pasture

The Worcester Special Mixtures of Grass Seed produce wonderful hay crops and pasture, maintaining their cropping qualities for years.

PERMANENT PASTURE MIXTURE FOR MEDIUM SOIL. Aside from permanency, an important requisite is that of continual growth from early spring until fall, and as many varieties as possible should be used which bear constant tramping and continued close grazing. This mixture is prepared with these ends in view. Contains Ladino and White Dutch clovers. 30 pounds to the acre.

Lb., 55c; 10 lbs. or more, 52c per lb.

No. 1 GRASS SEED MIXTURE. For seeding down use 25 lbs. to the acre. Contains timothy, red top, medium red clover, and alsike clover. All domestic seed.

Lb., 30c; 10 lbs., or more, 27c per lb.

ALSIKE or SWEDISH CLOVER (*Trifolium hybridum*). One of the best for mixing with timothy; it is perfectly hardy in every climate or soil condition and seldom has to be reseeded.

Lb., 80c; 10 lbs. or more, 69c per lb.

CRIMSON CLOVER (*Trifolium incarnatum*). This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers.

Lb., 35c; 10 lbs. or more, 30c per lb.

LADINO CLOVER FOR LOW WET SOILS. It is an ideal pasture plant for cattle, sheep, hogs, etc. Should be sown in early spring or September, using Oats, Timothy or Rye Grass, as a nurse crop. We recommend about 4 lbs. of Ladino Clover per acre. \$2.00 per lb.

MAMMOTH RED CLOVER (*Trifolium pratense perenne*). Sometimes called Sapling or Pea Vine Clover and English Cow Grass. This differs from the "Medium," being of a ranker growth and yielding more fodder per acre.

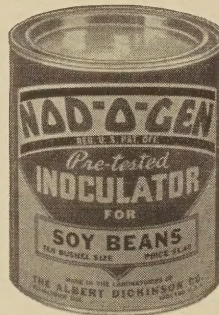
Lb., 70c; 10 lbs. or over, 61c per lb.

MEDIUM RED CLOVER, AMERICAN GROWN (*Trifolium pratense*). More widely known and used than any other; used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the spring or in the late summer. Lb., 70c; 10 lbs. or more, 61c per lb.

WHITE DUTCH or LAWN CLOVER (*Trifolium repens*). This is valuable for pasturage as well as for lawns; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early spring is best.

¼ lb., 40c; ½ lb., 70c; lb. \$1.25; 10 lbs. or more, \$1.10 per lb.

For Good Crops It Is Important to Plant Ross' Selected Seeds



NOD-O-GEN
PRE-TESTED INOCULATOR

Nod-O-Gen is a high quality humus culture of nitrogen-gathering bacteria containing all the essentials for healthy bacterial growth. Nod-O-Gen causes nodules to develop on the roots of legume crops. These nodules gather nitrogen from the air and convert it into plant food, saving plant food in the soil. Full directions accompany each package. When ordering be sure to state what seed you wish to inoculate. Humus type only.

GROUP 1. Alfalfa and Sweet Clover. 1-bu. size, 50c; 2½-bu. size, \$1.00.

GROUP 2. Clover, Medium Red, Crimson, Mammoth Alsike, White and White Dutch. 1-bu. size, 50c; 2½-bu. size, \$1.00. Simplex 2 in 1 for Alfalfa and Clover, 1-bu. size, 50c; 2½-bu. size, \$1.00.

GROUP 4. Soy Beans, all varieties. 2-bu. size, 30c.

GROUP 5. Cow Peas, Peanuts, Lima Beans. 2-bu. size, 30c.

GROUP 6. Field Beans, Wax, String, Snap, Kidney and Scarlet Runner Garden Beans. 1-bu. size, 35c.

GROUP 7. All Vetches, Field, Sweet and Garden Peas. 1-bu. size, 35c; 100-lb. size, 55c.

GROUP 8. Garden Combination for Garden Peas and Beans, Sweet Peas, Lima Beans. 15c. Ladino Clover, up to 10 lbs., 25c. Birdfoot Trefoil, up to 10 lbs., 25c.

Add for postage, Group 8, 2c; all other Groups, all sizes, 12c.

FIELD SEED CORN

Varieties that Fill the Silo

Worcester County Sweepstakes

Grows 12 to 15 feet tall.

It is a big yellow Dent Corn, stalks very large, 1½ to 2 inches in diameter, growing 12 to 15 feet high; foliage is long, broad and heavy, starting well down to the ground with an abundance of leaves and produces 15 to 25 tons per acre. 110 days.

½ pk., 95c; pk., \$1.75; ½ bu., \$3.35; bu., \$6.50.

Hybrid Corn

CORNELL 29-3. Hybrid. 100 days. Medium to tall in height, ear medium size, 12- to 16-rowed, has a fine root system. Very heavy producer of silage.

½ pk., \$1.35; pk., \$2.55; bu., \$9.75.

Improved Leaming

It ranks as one of the early Dent Corns, has a very heavy stalk, growing 12 to 13 feet high and very leafy. The ears are 8 to 10 inches long, filled with medium sized but deep kernels. 110 days.

1 pk., \$1.50; bu., \$5.50.

Sweet Fodder

Unexcelled for cutting green and feeding to stock. It should be included in all soiling schedules.

10 lbs., \$2.00; 100 lbs., \$18.00.

Early Canada Flint

An early 8-rowed variety; stalks about 6 ft., ears 8 to 9 inches. This strain is a decided improvement over the old Early Canada Flint. 95 to 100 days.

½ pk., \$1.00; pk., \$1.85; bu., \$6.90.

Ross' Genuine Eureka Ensilage Corn

This is a variety of silage Corn that has been used for many years in all of our 48 states and in some provinces of Canada in preference to many other heavy yielding varieties. It will produce a tremendous crop of silage in any normal season and will withstand drought and flood better than most Corns, germinating well in cold wet soils.

It holds the record of over 70 tons per acre produced in Michigan several years ago and this record has never been beaten.

If planted about May 15th in New England, Eureka will produce two or more mammoth ears per stalk which are usually in the milk stage at cutting time, giving the Eureka silage a very superior quality.

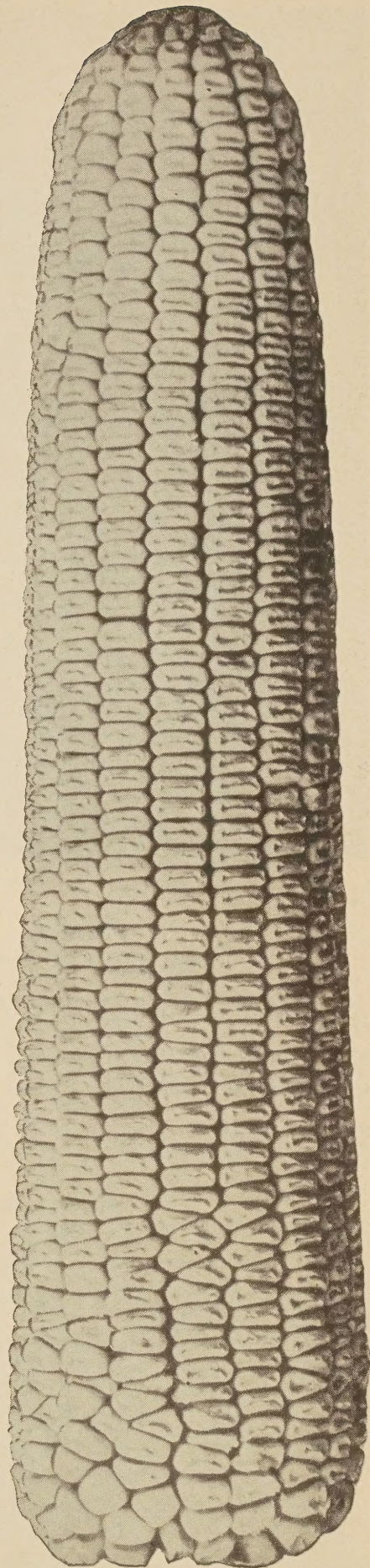
Eureka Corn was introduced by Ross Bros. many years ago and has been offered by us every year since its introduction.

If you will plant Eureka this year, we know you will be pleased with the results. Send to us direct for your seed or ask your local dealer to secure Genuine Ross' Eureka Corn for you.

½ pk., \$1.00; pk., \$1.80; ½ bu., \$3.45; bu., \$6.75.



Eureka Corn



Worcester County Sweepstakes

Agricultural

Barley

WISCONSIN No. 38. The beards are smooth and no barbs. Excellent for feeding green.

Pk., 95c; bu., \$3.50.

Buckwheat

JAPANESE. Entirely distinct from all other varieties. It has the advantage of remaining some time in bloom and produces seed earlier. It resists drought and blight better than most varieties.

Pk., \$1.05; bu., \$3.80.

Canada Field Peas

CANADA PEAS may also be sown with other grains as well as with Oats, and are sometimes sown in August with Barley. They are also sometimes sown alone. Choice stock for seed.

Lb., 15c; 10 lbs., \$1.30; 100 lbs., \$12.00.

Millets

HUNGARIAN (Hungarian Grass). An excellent food for horses when cured. Each root sends up several slender stems which often branch. The leaves grow upright, rather narrow. Heads are borne erect or nearly so, about four inches long, dark purple in color. **Market price.**

GOLDEN. This variety is extensively used throughout the United States. It is sown at the same time and at the same rate per acre as the common Millet. Grows more vigorous, gives a much larger yield of hay than common Millet.

Lb., 20c; 10 lbs., \$1.40; 100 lbs., \$13.00.

JAPANESE (Panicum frumentacea). It is entirely distinct from all other Millets. Grows from 6 to 9 feet high, stands up well, and yields enormous crops.

Lb., 15c; 10 lbs., \$1.05; 100 lbs., \$9.50.

Seed Oats

VICTORY. A tall growing white-kerneled variety which is recommended as a heavy yielder. The straw is stiff and strong enough not to lodge. It was developed at the Svalof Station in Sweden and out-yields the Swedish Select type. It should not be confused with that variety. **Pk., 75c; bu., \$2.40.**

MOHAWK CERTIFIED. The Mohawk is a selection from a Bond and D67 cross. It derives its rust and smut resistance from its Bond parent and is also resistant to blight. The straw is about 36 inches in height and the grain matures early. Cornell highly recommends Mohawk over Vicland.

Pk., 80c; bu., \$2.60.



Oats and Vetch as Cover Crop

Alfalfa

The Farmer's Hay Insurance

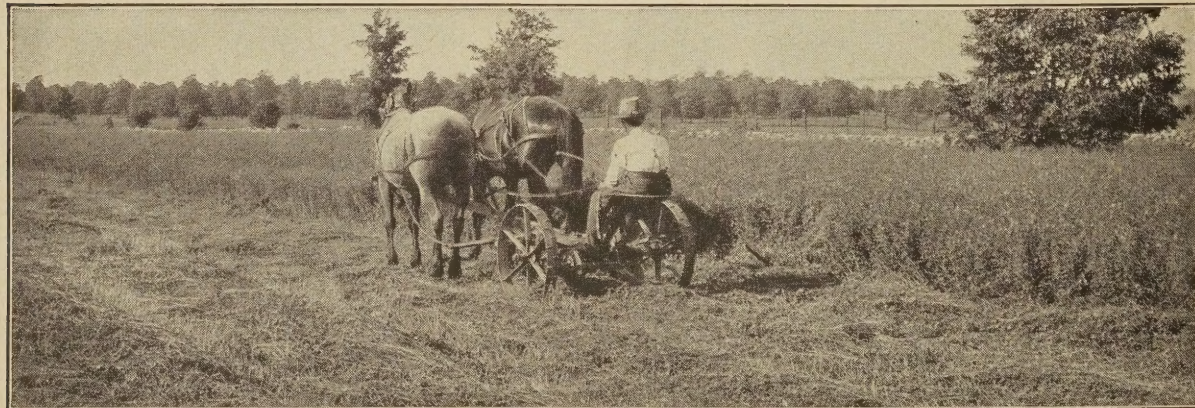
Sow 15 to 25 lbs. per acre.

As a soil builder the Experiment Stations tell us that it adds twice as much nitrogen to the soil as the average acre of Red Clover.

GRIMM. Only a few strains of Alfalfa equal, and none excel true Grimm Alfalfa in hardiness. It is the safest type to sow wherever there is trouble from winter-killing. Northwestern grown. **Lb., \$1.10; 10 lbs., or over, 98c per lb.**

COMMON ALFALFA. This strain has given very satisfactory results in New England. Northwestern grown. **Lb., 95c; 10 lbs. or over, 85c per lb.**

All Prices Are Subject to Change Without Notice



Alfalfa

Seed Grains

Dwarf Essex Rape

It grows best in cool, moist weather and the time for sowing depends upon when the crop is to be used. When wanted for pasture, allow 8 to 10 weeks for it to attain maximum growth.

Lb., 25c; 10 lbs., \$2.20; 100 lbs., \$21.00.

Rye

SPRING RYE. True stock Spring Rye makes an excellent crop where winter grain has been killed out or for sowing where a fall crop has not been planted. If desired it can be turned under and made to answer a good purpose in adding to the fertility of the soil. Sow seed same time as other spring grain. Use Winter Rye for cover crop.

ROSEN WINTER RYE. Rosen Rye produces a strong vigorous straw and stools to a remarkable degree. The grain is large, plump, heavy and of beautiful color, commanding a premium on the market over other grains. Owing to its vigorous stooling property less seed is required, the practice being about one and one-half bushels per acre. **Ask for price.**

Soy or Soja Beans

BLACK WILSON. Medium size, black seed. Considered the best all-around variety for the North. Of rather upright growth, with a good amount of foliage and a slight tendency to vine on fertile soil. Matures seeds in 125 days and is ready for cutting in 110 days. A heavy seed producer.

Pk., \$1.50; bu., \$5.50.

LINCOLN. Maturity 125 days. A remarkable record of yield. Superior in standing ability and ranks high in quality and content of oil. Producing large crops of dry forage.

Pk., \$1.60, bu., \$6.00.

Sudan Grass

Sudan Grass is strictly an annual and dies each year like millet. From seven to nine feet high, with very small stems. Stock prefer it. Sow 10 to 15 lbs. per acre.

Lb., 30c; 10 lbs., \$1.95; 100 lbs., \$18.50.

SUDAN GRASS. (Sweet.) An improvement over the common. Very palatable and very productive.

Lb. 30c; 10 lbs., \$1.95; 100 lbs., \$18.50.

Mammoth Russian Sunflower

Produces very heavy yields per acre for silage or grown for its seed. Valuable for feeding.

Lb., 40c; 10 lbs., \$3.50.

FEEDING SUNFLOWER. See page 23.

Soy or Soja Beans

A great soil enricher, gathering nitrogen from the air. Produces enormous crops as far North as Canada, ripening seed as far as Massachusetts. Especially valuable (in combination with millet and fodder corn) for ensilage, supplying the albuminoids or flesh-forming food.

INOCULATE WITH NOD-O-GEN



Millet



Barley

Vetch

HAIRY. Can be sown during the spring as well as in the fall, with good results. Used for green feed and plowing under for green manure. Sow at the rate of 30 to 40 lbs. with 1 bu. of small grain.

Lb., 35c; 10 lbs., \$3.00; 100 lbs., \$28.00.

Wheat

HENRY. (Spring Wheat.) A new variety of spring wheat bred by the Wisconsin Experiment Station. Its advantages are disease resistance and high yield. It has large white heads, with bearded chaff which is white, or may be tinged with red at maturity. Kernels are larger than most Spring Wheats, and red in color. Henry Wheat is resistant to leaf rust and moderately resistant to stem rust and stinking smut. It is rapidly replacing older spring wheat varieties.

Pk., \$1.50; bu., \$5.75.

WHITE (Winter Wheat). Sow early in the fall for a good firm root to survive our New England winters. Winter Wheat makes an excellent green feed, coming very early in the spring and staying in condition for feed much longer than spring or winter rye. A productive, bald, white variety, large and plump. **Ask for price.**

VEGETABLES of Superior



Mary Washington

ASPARAGUS

An ounce will sow about 60 feet of drill, and produce 200 or more plants.

MARY WASHINGTON. This is a selection from the Washington showing a marked improvement in every respect. It is much larger than the ordinary strain and is some earlier. Tips very compact and a rich purplish green. The whole stalk from base to tip is remarkably tender.

Pkt., 10c; oz., 25c; ¼ lb., 60c.

ASPARAGUS ROOTS

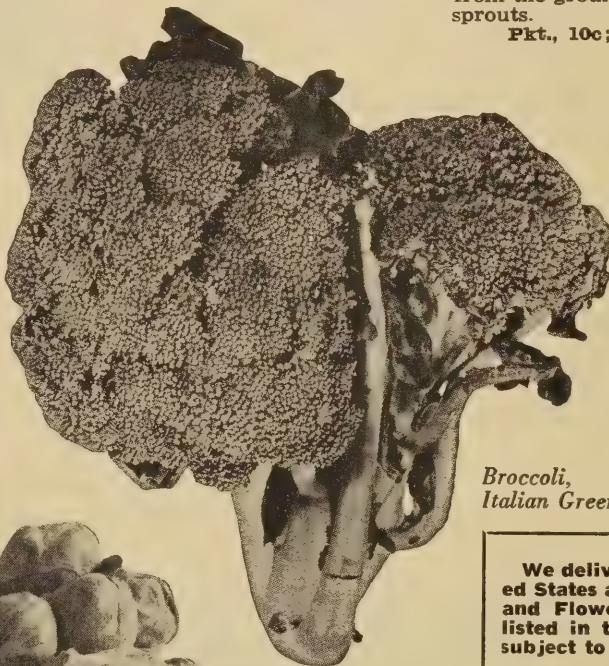
The easiest way to obtain an asparagus bed is to set out the roots. It takes 3 years to establish one from seed, but with our large, 2-year roots a bearing bed may be had in two years. We can furnish strong, selected roots of the variety listed, at the following prices:

MARY WASHINGTON. 25 for \$1.00;
50 for \$1.75; 100 for \$3.00, postpaid.

ARTICHOKE

GREEN GLOBE. Perennial, large-flowering heads, cooked like asparagus. Matures second year; not hardy in the North.

Pkt., 10c.



Broccoli,
Italian Green Sprouting

If you are in doubt as to the varieties best suited for your garden, let us select these for you. We will make the selection for you if you will tell us the quantities you require. Buy only good seeds.

We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.

OUR PRICES

Have been reduced to the lowest point consistent with the production of good quality seeds. The varieties of vegetable seeds offered on these pages are the best and most popular varieties in their respective classes, as required for the Ross standard of excellence.

BROCCOLI

ITALIAN GREEN SPROUTING. (Close Heading.) Planted and used the same as cauliflower, bluish green color, largely used by market gardeners. The plants require plenty of water. Seed started in June will make heads which will be in good condition all winter. Seed started earlier will bring heads in for summer. Broccoli takes longer to mature than cauliflower, allow 2 or 3 weeks more.

Pkt., 10c; ½ oz., 30c; oz., 50c.

BROCCOLI - RAAB

RAPA. (Italian Turnip.) Used as early greens, leaves are broad strap leaf Turnip type.

Pkt., 10c; oz., 30c; ¼ lb., 85c.

BRUSSELS SPROUTS

Delicious
Miniature
Cabbages

1 oz. will produce 3000 plants.

LONG ISLAND IMPROVED. A very hardy plant of the cabbage family, in this section may be left in the ground up to December. The plants of the Long Island strain do not grow up very tall but are covered from the ground up with large solid sprouts.

Pkt., 10c; ½ oz., 30c; oz., 50c.



Brussels Sprouts,
Long Island Improved

Quality from Ross' Tested Seed

BEANS

Reliable and Productive

1 lb. will plant 100 ft. of drill; 60 to 90 lbs. will plant an acre.

Beans succeed best in warm, light soil of at least average fertility. In this latitude it is not usually safe to plant much earlier than the middle of May. If planting is made earlier and is followed by especially wet or cold weather, the planter should not blame the seedsman if beans fail to germinate. Plant the dwarf varieties in drills 2 to 3 feet apart, about 2 inches deep, and thin plants 4 to 6 inches apart. Give frequent, shallow cultivation until time of blossoming.

Dwarf Wax or Butter Beans

CHEROKEE WAX. A straight yellow pod 5 to 6 inches long, oval-shaped and fine flavor. It is very productive. The flesh is tender, brittle and without strings. Excellent for home or market garden. Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

★BRITTLE WAX. One of the best early varieties. The pods are round and long, often 6 inches in length, and a rich golden yellow; stringless and tender. When ripe, makes good shell beans. Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

SURE CROP STRINGLESS WAX. Clear amber, stringless pods. Ideal for home or market gardens. Strong grower, dependable cropper. An absolutely stringless, rust-proof wax-pod, bush bean. Pods 7 to 7½ inches long, about half an inch in diameter, and a beautiful rich yellow color.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

★PENCIL POD BLACK WAX. Best of all the dwarf black-seeded wax beans. It is early and productive, bearing rich yellow, nearly straight, round pods 5½ to 6 inches long.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

ROUND POD KIDNEY WAX. Of unsurpassed quality. One of the best for the home garden and very desirable for market, where round-podded varieties are popular. Pods are long, very white and waxlike; uniformly perfect in shape and vine is very productive.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

IMPROVED GOLDEN WAX. An old, well known and popular variety of excellent quality. Pods flat, long, golden yellow. One of the earliest and best dwarf wax varieties for the private garden.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

Dwarf or Green Podded Bush Beans

TOPCROP. The pods of Topcrop are round, 5½ to 6 inches long. They are earlier than Tendergreen, ready for picking in 51 to 53 days. Height of plant 15-16 inches. Because of its mosaic resistance it has consistently outyielded the commercial varieties such as Tendergreen, Longgreen and others. Canning and freezing tests have shown it is very satisfactory.

Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

BURPEE'S GREEN POD STRINGLESS. A very desirable dwarf podded snap sort for the home garden and largely grown for the market. Pods medium green, 5 to 6 inches long. Seed of medium size and length, yellowish brown.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

TENDERGREEN. There's a profusion of exquisitely tender green pods. A green-podded bean of unusual merit. The pods are long, light green in color, round and absolutely stringless. It yields a heavy crop of early beans. Early, prolific, stringless.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs., or over, 60c lb.

WADE. 1952 Introduction of U.S.D.A. Pods are 5½ to 6 in. long, round, dark green, fleshy and delicate in flavor. This variety is resistant to common bean mosaic and powdery mildew.

Pkt., 25c; lb., 75c; 2 lbs., \$1.45; 10 lbs. or over, 70c per lb.

★BOUNTIFUL. Vine unusually thrifty, rarely affected by blight, bears early, profusely and for a long time. Pods large, flat but thick and meaty, stringless and tender.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

Dwarf or Bush Shell Beans

DWARF HORTICULTURAL. Pods thick, broad, of medium length, yellowish green splashed with red when at the stage of fitness for green shell beans and are then very attractive.

Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

★FRENCH HORTICULTURAL. The vines are compact and of upright growth; almost always sending out runners to a height of 1½ to 2 feet, but do not climb a pole and are not of sufficient length to affect the bean in any way. The pods when ready to use are a yellowish green splashed with a bright crimson. Very prolific. Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

*Don't
Forget*

To get a summer-long supply of this delicious vegetable, sow seeds every 2 weeks. Order sufficient seeds now for your season's needs.

BOSTON SMALL PEA. More largely used than any other variety for baking. Choice select.

Pkt., 25c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 45c per lb.

IMPROVED YELLOW EYE. One of the best sorts for baking; extremely productive and of superior quality.

Pkt., 25c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 45c per lb.

RED KIDNEY. Large red kidney-shaped beans of excellent quality. The old-fashioned baking beans. Pkt., 25c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 45c per lb.

BEANS for The Home Garden

Wax Podded Pole Beans

1 lb. will plant about 100 hills.

Pole beans require considerable care. They are, when properly grown, of long bearing period, more sensitive to wet and extremes of temperature than the dwarf varieties and should not be planted as early. Set in rows about 4 feet apart, preferably running north and south, allowing about 3 feet between the poles in the row. Plant 6 to 8 beans around each pole and thin to 3 to 4 plants.

***KENTUCKY WONDER WAX.** This pole bean is quite similar to the very popular green-podded Kentucky Wonder, except that the very long pods are a little broader, and of a waxy golden yellow. These are very attractive, fleshy, stringless and not surpassed in quality.

Pkt., 25c; lb., 70c; 2 lbs., \$1.35;
10 lbs. or over, 65c per lb.

Green Podded Pole Beans

***KENTUCKY WONDER or OLD HOME-STEAD.** Pods are borne in large clusters, are of unusual length, nearly round, silvery green; when young, crisp, entirely stringless, of fine texture and flavor. Vine bears early and is very productive. Used only as a string bean.

Pkt., 25c; lb., 60c; 2 lbs., \$1.15;
10 lbs. or over, 55c per lb.

SCARLET RUNNER. Largely grown as an ornamental climber; its rapid growth and early production of dazzling flowers make it a favorite for covering screens, walls, etc. It is also of excellent edible qualities, but rarely grown for that purpose.

Pkt., 25c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

WORCESTER MAMMOTH HORTICULTURAL. The beans, though closely resembling those of the common strain, are much larger. Its strikingly handsome pods combined with its great size are both features of excellence which recommend it.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25;
10 lbs. or over, 60c per lb.

ENGLISH BROAD BEANS

BROAD WINDSOR. An old-fashioned English shell bean. This bean is very hardy; it should be planted as early as the ground will permit, 3 to 4 inches deep in rows 3 feet apart, and plants 1½ feet apart in row. Dry beans very large and yellowish green.

Pkt., 25c; lb., 45c

EDIBLE SOY BEANS

BANSEI. These beans are not only delicious when eaten green or dry, but they are also an excellent source of Vitamins A, B, and G. The Bansei variety is one of the earliest, and very productive. Plants grow 24 inches high and do not require support. They are literally loaded with pods. Seeds are bright green while young and yellow when matured.

Pkt., 25c; lb., 45c; 2 lbs., 85c; 10 lbs. or over, 40c per lb.

REMEMBER QUALITY VEGETABLES COME FROM YOUR OWN GARDEN

WE SUGGEST:

Wax and Green Beans
Early Wonder Beets
Golden Bantam Sweet Corn
Lettuce, Open Leaf
Yellow Onions
Summer Squash

Early and Late Cabbage
Danvers Carrot
World's Record Peas
White Spine Cucumber
Early Tomatoes
Winter Squash

LIMA BEANS

Bush Limas

1 lb. will plant about 50 hills.

More hardy than the pole varieties and therefore may be planted earlier. Make rows 2 feet apart and plant the beans, eyes down, every 2 inches. Cover about 2 inches deep. Thin to 6 inches. Note: In very wet weather bush lima beans will sometimes send out runners about 2 feet long.

HENDERSON'S BUSH LIMA. 65 days. A flat-seeded baby lima bean. It is one of the earliest limas and very productive.

Pkt., 25c; lb., 60c; 2 lbs., \$1.15;
10 lbs. or over, 55c per lb.

BURPEE'S IMPROVED BUSH LIMA. A distinct strain. The earliest, largest, and the best of all large limas. This strain differs from the popular Burpee's Bush Lima in bearing uniformly much larger pods, producing more beans, while both pods and beans are much larger and thicker. While the beans are as large as those of the large lima, the crop of the Improved is ready for gathering from 8 to 10 days earlier. In quality the beans are equal to any, being thin-skinned, juicy and of fine flavor.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25;
10 lbs. or over, 60c per lb.

FORDHOOK BUSH LIMA. One of the leading varieties of bush lima beans. The plant is of stiffly erect habit, the beans are much larger and of superior quality and even when full size are juicy and of fine flavor.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25;
10 lbs. or over, 60c per lb.

Pole Limas

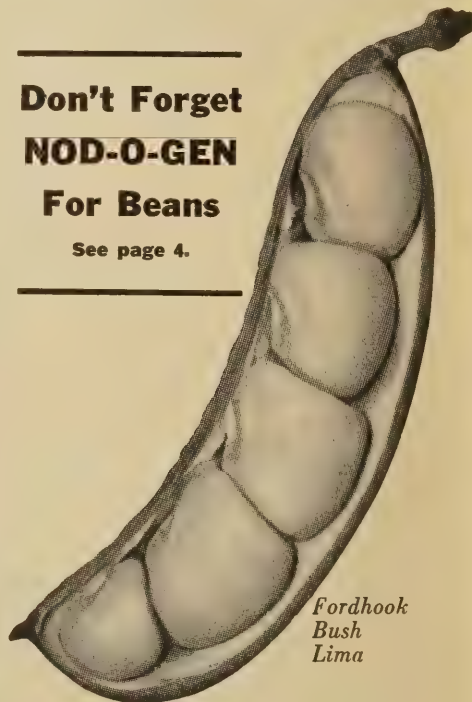
1 lb. will plant about 100 hills.

KING OF THE GARDEN LIMA. Earlier than the large lima, and the pods are longer and often contain 5 beans of the largest size. The vine is large and of remarkably vigorous growth and will produce larger pods and bear earlier if only two are allowed to grow to the pole.

Pkt., 25c; lb., 60c; 2 lbs., \$1.15;
10 lbs. or over, 55c per lb.

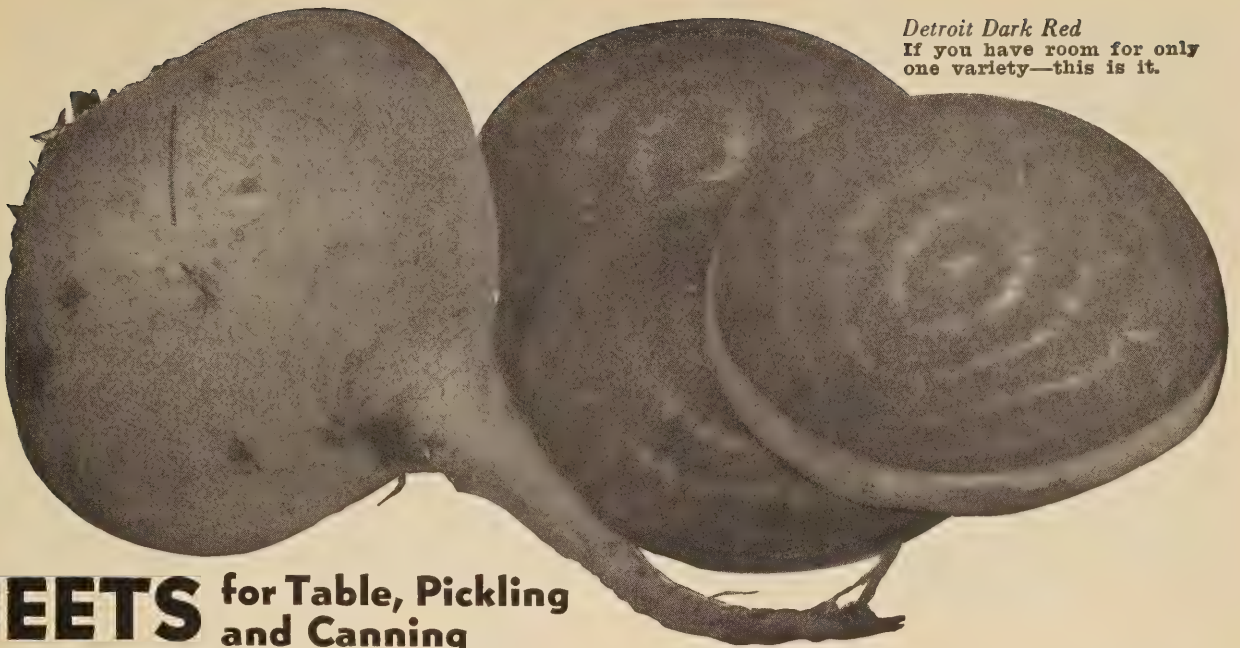
Don't Forget
NOD-O-GEN
For Beans

See page 4.



Fordhook
Bush
Lima

Detroit Dark Red
If you have room for only
one variety—this is it.



BEETS for Table, Pickling and Canning

Successive Plantings - for Beets the Right Size All Summer Long

*An ounce will sow about 100 feet of drill. 5 to 6 pounds
required for an acre.*

The beet thrives best in deep, rich, but rather light soil. Sow in drills about 15 inches apart and 1 inch deep. Make the soil firm over the seed. For early use, sow as soon as the ground can be worked; for fall use, in May; for winter from the 20th of June to the middle of July, according to the variety. Thin plants to 4 or 5 inches apart. Give frequent shallow cultivation.

***CROSBY'S EARLY EGYPTIAN EXTRA SELECTED STRAIN.** For several years we have given this especial attention and have succeeded in eliminating the light-colored, coarse fleshed specimens peculiar to the Egyptian. Roots are more uniform in shape and tops are more even in growth, a little smaller. We confidently recommend it to market gardeners as an unsurpassed strain.

Pkt., 10c; oz., 30c; ¼ lb., 75c.

**For Another Delicious
Green, Try Swiss Chard
It's a Beet, You Know**



Mammoth Long Red Mangel tap root and very easy to harvest. Top and

***EARLY WONDER.** An improved Crosby Egyptian Beet. Smooth, dark, red flesh. Extra good for market gardeners. One of the earliest and most perfectly shaped beets. Its beautiful, deep blood-red color, globular-shaped roots, make it valuable for the home garden. The attractive appearance, uniform size, shape and color have created a very heavy demand for this variety. It is grown very extensively for late sowing.

Pkt., 10c; oz., 30c; ¼ lb., 75c.

LONG SEASON. No garden is complete without some Long season Beets. They are rather late and somewhat rough in shape but there is no finer Beet to eat in the summer and to store for winter. No matter how big they grow, they remain just as sweet and tender as tiny young Beets and they have a delicious flavor all their own.

Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

***DETROIT DARK RED.** A superior second-early and main-crop variety rapidly growing in favor for late planting. Tops uniformly small and grow upright so that the rows may be close together.

Pkt., 10c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.00.

DEWING'S BLOOD. One of the leading main crop varieties.

Pkt., 10c; oz., 30c; ¼ lb., 75c.

Mangels—Overgrown Beets for Livestock

The Mangels furnish large quantities of nutritious and healthful food for stock and poultry. Yields 25 to 30 tons per acre.

1 oz. to 100 feet of drill; 5 lbs. per acre.

Culture: Both mangels and sugar beets require deep, well-enriched soil. Sow in May or June in rows 18 inches to 2 feet apart and 6 to 8 inches in the row. Young plants may be transplanted to fill up vacancies. As soon as frost occurs, dig the crop. For winter store in cellar or in pits. Sow 5 to 6 pounds per acre. Mangels make excellent and rich as well as cheap winter feed for poultry.

GOLDEN TANKARD. It is one of the best stock beets grown. It has yellow flesh, very distinct variety, being short with very little tap root and very easy to harvest. Top and

neck very small; root ovoid, flesh yellow, zoned with white; an excellent sort.

1-oz. pkt., 15c; ¼ lb., 35c; 1 lb., 80c.

MAMMOTH LONG RED. This is truly a mammoth, a single root often weighing 20 to 30 pounds. The extra large, long roots are blood-red in color and very nutritious. Enormously productive, yielding, under favorable conditions, 30 to 40 tons of roots per acre.

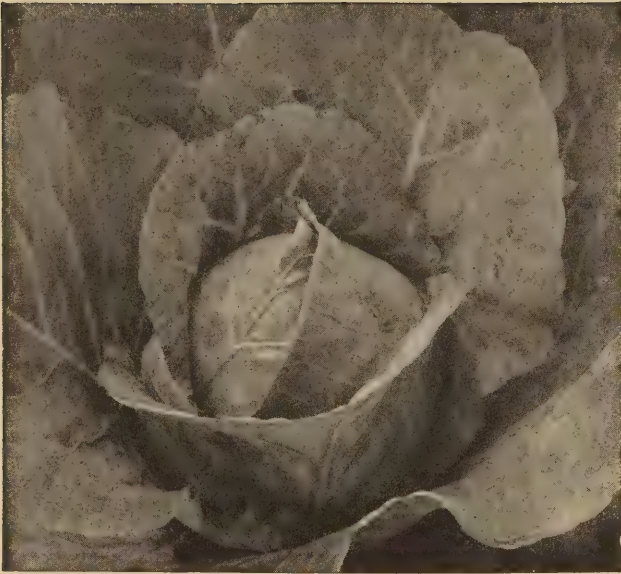
1-oz. pkt., 15c; ¼ lb., 35c; 1 lb., 80c.

Klein Wanzleben

High Sugar Content; Popular with Sugar Beet Growers.

Root is conical, straight and even, large at top and tapering. Contains the largest percentage of saccharine matter.

Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., 80c.



Copenhagen Market



Golden Acre

CABBAGE for Crisp Tangy Flavor



Chinese Cabbage

CHINESE CABBAGE

A Real Treat is in Store for Those Who are Planting It for the First Time

CHIHILI. Quick growing species of Cabbage, chiefly for fall use, as it runs to seed badly in summer. Heads are tall and cylindrical with large midribs. An enormously productive crop of mild mustard-like flavor. 14 to 18 inches in height.

Pkt., 10c; ½ oz., 25c; oz., 45c.

1 pkt. produces 250 plants; 1 oz. produces 3,000 plants.

The seed we offer is absolutely new stock from the best professional growers. A heavy rich loam, thoroughly cultivated, highly manured and worked deep is most suitable to cabbage. Early cabbage should be planted under glass in March and transplanted 2 feet apart as soon as ground outside can be prepared. For late plants, sow in hills in open ground in May. Transplant in July.

***THE EARLY COPENHAGEN MARKET.** A New England favorite cabbage. Large heads, solid light green, round, excellent quality. The earliest large, round-headed cabbage yet introduced. Matures 68 days after transplanting. It is a very sure heading and uniform variety of hardy and compact growth. The heads are 7 to 8 inches in diameter and weigh 3 or 4 pounds.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

EARLY JERSEY WAKEFIELD. Although this variety is not as early as the preceding one, it will be found the very best conical heading sort to come in immediately after. It is very compact, medium size, conical, and a sure header.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

AMERICAN IMPROVED SAVOY. The best of the Savoy type, which should be more largely grown.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

***DANISH BALLHEAD.** This short-stemmed type is popular on account of the great solidity and weight of the head; it is a strong, vigorous grower, producing large, round, compact heads, almost as hard as iron, weighing when trimmed, fully one-fourth more than any other cabbage of equal size. In consequence, it keeps in condition until spring.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

GOLDEN ACRE. (Danish Grown.) An extra early selection of the Copenhagen type, and the earliest of the round-headed cabbages, maturing with Jersey Wakefield. Plant small, dwarf and compact, with few outer leaves; heads of medium size, round as a ball, hard, solid and very uniform. We believe it to be the earliest cabbage in existence.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

PENN STATE BALLHEAD. Originated by Dr. Meyers of the Pennsylvania State College. It is a short stem variety, medium size heads, very hard and the color a bright green.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

MAMMOTH ROCK RED. Head larger and more solid than Red Drumhead; reliable in heading.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

FOR GOOD CROPS IT IS IMPORTANT TO PLANT ROSS' SELECTED SEEDS



Danish Ballhead

GROW YOUR OWN VITAMINS!

Plant for
Beauty and
Abundance

DELICIOUS
VEGETABLES
FROM YOUR
OWN GARDEN
CONTAIN THE
VITAMINS
YOU NEED



Danvers Half Long

CARROTS *A "Must" for Every Garden*

Culture: Prefers a deep mellow soil. Sow seed in April for early, or in July for fall crop. Sow seed one-half inch deep in rows 12 inches apart. Thin out to 3 inches apart. If their growth is checked, carrots split and become rooty. To avoid this, water them thoroughly during a drought. Make successive plantings so as to assure a constant supply all summer. Seed may be sown from early spring to as late as August first.

★**CHANTENAY.** The Most Popular of All Home Garden Carrots. A popular favorite for its rich orange-red color, its fine grained flakes, its superb flavor. Fully developed, it averages 6 inches in length, is broad at the neck and narrows gradually to a round blunt base.

Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

★**DANVERS SELECTED HALF-LONG.** It is more easily harvested than the longer type, and is excellent to sow for winter, for stock or table use.

Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

★**HUTCHINSON.** A very large, nearly cylindrical, stump-rooted carrot, 10 to 12 inches in length, good color, and immensely productive.

Pkt., 10c; oz., 40c; ¼ lb., \$1.35.

IMPERATOR. For market and home garden use. Tops medium, but strong enough for good bunching. Flesh rich orange color, extending to center of root, with indistinct core.

Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

NANTES, IMPROVED CORELESS. (68 days.) Because of its fine quality, this variety is one of the best for the home garden as well as for the market. Roots 6 to 7 inches long, same the whole length with a smooth waxy appearance.

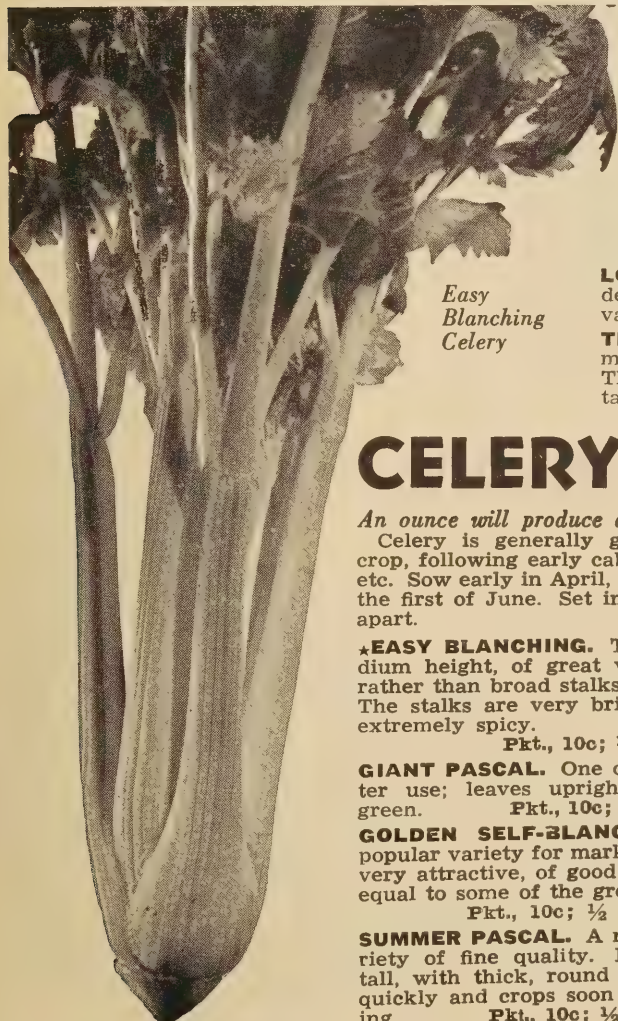
Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

LONG ORANGE IMPROVED. Large size, tapering to a point, of deep orange color, and adapted to garden or field culture. A valuable food for stock.

Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

TENDERSWEET. The brightest and sweetest of all carrots. For main crop the deep reddish orange roots are most attractive. The roots are 8 to 10 inches long, coreless, red throughout and taper to a blunt point.

Pkt., 10c; oz., 35c; ¼ lb., \$1.00.



*Easy
Blanching
Celery*

CELERY *for Home and Commercial Gardens*

An ounce will produce about 10,000 plants.

Celery is generally grown as a second crop, following early cabbage, onions, peas, etc. Sow early in April, transplanting about the first of June. Set in rows about 3 feet apart.

★**EASY BLANCHING.** The plant is of medium height, of great vigor, having thick rather than broad stalks, with shallow ribs. The stalks are very brittle and the flavor extremely spicy.

Pkt., 10c; ½ oz., 45c; oz., 80c.

GIANT PASCAL. One of the best for winter use; leaves upright, short and dark green.

Pkt., 10c; ½ oz., 45c; oz., 80c.

GOLDEN SELF-BLANCHING. The most popular variety for market, easily blanched, very attractive, of good quality though not equal to some of the green celeries.

Pkt., 10c; ½ oz., 60c; oz., \$1.00.

SUMMER PASCAL. A new early green variety of fine quality. Plants are medium tall, with thick, round stalks. It blanches quickly and crops soon after Easy Blanching.

Pkt., 10c; ½ oz., 60c; oz., \$1.00.

WHITE PLUME. The earliest and most easily blanched of all varieties, very showy, of good quality.

Pkt., 10c; ½ oz., 30c; oz., 50c.

CELERIAC

Turnip-Rooted Celery

Sow seed and treat in first stages of growth as directed for celery. Set in rows 2 feet apart and 6 inches apart in the row. When roots have reached a size of 2 inches in diameter they are ready for use. These are boiled, sliced, and eaten with vinegar. To keep through winter, they should be packed in moist sand or earth.

LARGE SMOOTH PRAGUE. An improved sort with nearly round roots which have but few side roots.

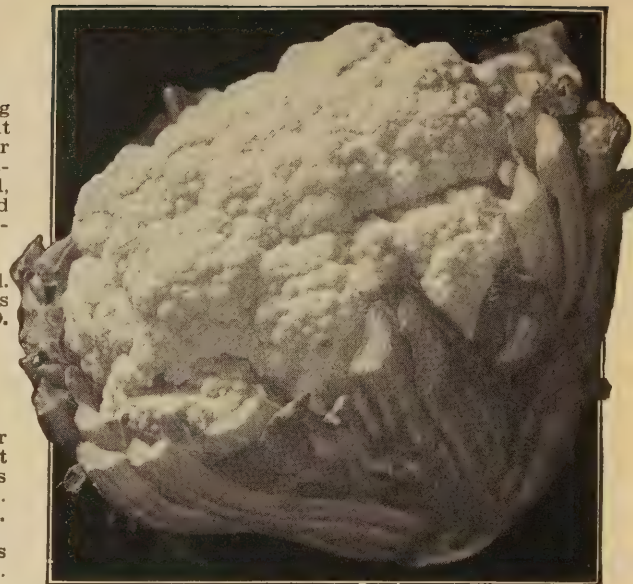
Pkt., 10c; ½ oz., 50c; oz., 80c.

CAULIFLOWER

An ounce will produce 3000 plants.

Sow the first week in May, transplant in July. For wintering under glass, sow second and last week in September, transplant into cold frame, give plenty of air in mild weather and cover up in severe. Again, sow in February in a hotbed and transplant in April. Use plenty of rotted manure. Select new ground, as cauliflower rarely succeeds on ground which has been cropped year after year. Plant in rows 20 inches apart and 2 feet between rows.

✦**EARLY SNOWBALL SELECT.** The earliest and surest to head. We offer an unsurpassed strain from one of the leading growers in Denmark. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.40.



Early Snowball Cauliflower

SWISS CHARD

LARGE WHITE RIBBED. Used for greens only. Much superior to other beets for greens. Plants should be thinned to about 1 foot apart. When the plants have attained full size the stems and mid-ribs are sometimes cooked and served like asparagus. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

FORDHOOK GIANT. Tall and sturdy; increasingly used. Leaves broad, heavily crumpled, dark green; stems broad, thick, white. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

LUCULLUS. A robust grower, attaining a height of 2 to 2½ feet. The stalks are thick, creamy white, and heavily ribbed. Leaves are very large, green, and heavily crumpled. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

RHUBARB CHARD. It has the same coloring as rhubarb. Stalks are a bright crimson. Tasty, delicious flavor. Pkt., 10c; oz., 25c.



Swiss Chard, Giant Lucullus

CHIVES

Are a small, hardy perennial plant resembling onion in appearance and growing in clusters. They are grown for the leaves, which are produced freely from early spring, and give a mild onion flavor to sausages, salads, and soups. They can be easily grown in pots at a sunny window during the winter. Pkt., 25c.

For quick long distance shipping use **AIR EXPRESS.**



Collards

CHICORY

WITLOOF, or FRENCH ENDIVE. Esteemed as a salad plant. Spring-sown seed produces parsnip-like roots by November. Cut the leaves off 1½ inches from the neck, trench 1½ inches apart, cover with soil 8 inches over crown; then place a 2- or 3-foot layer of fresh manure which induces new growth of blanched leaves folded like cos lettuce, which are eaten raw as salad. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

COLLARDS

One ounce for about 5000 plants.

Collards are very largely used as "greens" in some parts of the country, especially in the South. They are a form of loose-headed cabbage. **GEORGIA.** The most satisfactory variety for general use. Pkt., 10c; oz., 25c.



Chives

DANDELION

An ounce will sow 200 feet of drill. Two pounds to the acre.

Sow early in the spring in rich soil in drills 15 to 18 inches apart, cover lightly but make the earth firm.

IMPROVED THICK-LEAVED, or CABBAGING. A distinct variety unsurpassed in thickness of leaf and deep green color. It grows compactly, forming a regular tuft. Pkt., 10c; ½ oz., 90c; oz., \$1.50.

CULTIVATED, or FRENCH COMMON. A greatly improved strain of the common dandelion. Cannot supply.

CICCORIA CATALOGNA, or ITALIAN DANDELION. Pkt., 10c; ½ oz., 30c; oz., 50c.

We deliver free in the United States all **Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.**

Ross' SWEET CORN

One pound of seed will plant 200 hills or 300 feet of row; 10 to 12 pounds will plant an acre.

Open Pollinated or Standard Varieties

Black Mexican

A popular variety; until the introduction of the Golden Bantam, the sweetest of all. Ears of medium size; kernels large, when ripe bluish black, but at proper stage for cooking, the color shows but little if at all. Pkt., 20c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 45c per lb.

GOLDEN BANTAM. A favorite with all who have grown it. The most famous sweet corn in the world today. It is the richest and sweetest of all varieties of sweet corn. Golden Bantam is dwarf, the stalks are usually 5 to 6 feet high, and the foliage is short, allowing it to stand closer together in the small garden and thus produce a large crop on a small area. We recommend planting Golden Bantam every 10 days during the planting season and you will be assured of a continuous supply of the best sweet corn. Pkt., 20c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 45c per lb.

GOLDEN GIANT. This is a cross between Golden Bantam and Howling Mob. Winner of the silver award for novelty excellence at Massachusetts Horticultural Show. Gives four times the yield per acre and twice the size of Bantam. Rich in color. Pkt., 20c; 1 lb., 50c; 2 lbs., 95c; 10 lbs., or over, 45c per lb.

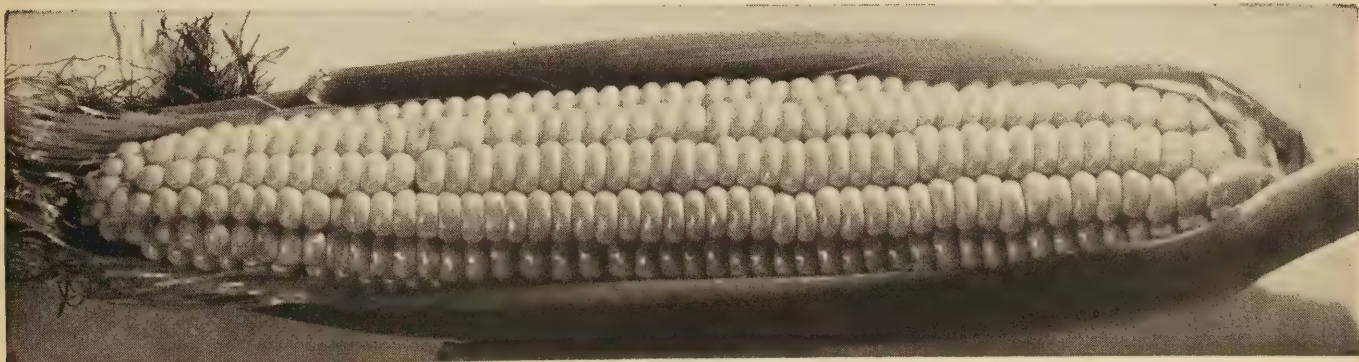
GOLDEN SUNSHINE. The value of this variety lies in the fact that it matures several days in advance of the well-known Golden Bantam. The ears are very compact, about the same size of Golden Bantam, but more refined in appearance, having from 10 to 12 rows of grain. It is a very rapid grower. Pkt., 20c; 1 lb., 50c; 2 lbs., 95c; 10 lbs., or over, 45c per lb.

BANTAM EVERGREEN. (Yellow.) A yellow variety maturing about 10 days after the Golden Bantam and a week earlier than the Stowell's Evergreen white. It has an ear 3 times the size of Golden Bantam and runs 12, 14 and 16 rows to the ear. The stalk is about 6 feet tall and is perhaps 1 foot shorter than Stowell's Evergreen and 2 feet taller than Golden Bantam. The Bantam Evergreen has the tender and sweet qualities of the Golden Bantam and combines the quality of the Golden Bantam with the productiveness of Stowell's Evergreen. As a table variety it is unexcelled. Pkt., 20c; 1 lb., 50c; 2 lbs., 95c; 10 lbs., or over, 45c per lb.

WHIPPLE'S EARLY YELLOW. Twice the size of Golden Bantam and matures about the same time, grows ears 7 to 8 inches long and 12- to 16-rowed, with often 2 ears to 1 stalk. Quality is unequalled. Pkt., 20c; 1 lb., 50c; 2 lbs., 95c; 10 lbs., or over, 45c per lb.

GOLDEN MIDGET. A 68-day Corn, ears 3½ inches long, of excellent quality; fine for the home garden. Pkt., 20c; ½ lb., 55c; lb., \$1.00.

Golden Bantam



Bantam Evergreen

SWEET CORN —Continued

Hybrid Varieties

CARMELCROSS. 80 days. Improved strain. In many respects it resembles Golden Cross, but a week earlier. Stalks are a little shorter with large ears of excellent quality.
Pkt., 20c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

★**GOLDEN CROSS BANTAM.** 88 days. Introduced jointly by the U. S. Dept. of Agriculture and Purdue University Agricultural Experiment Station. Excellent for market gardeners. Highly resistant to Stewart's disease and very prolific. Stalks sturdy, with exceptionally broad, dark green leaves. Ears 10 to 14 rowed, slightly lighter yellow than Golden Bantam.
Pkt., 20c; lb., 65c; 2 lbs., \$1.25; 10 lbs., or over, 60c per lb.

IOCHIEF. 93 days. Outstanding as a larger eared corn of Golden Cross type. The 14 to 20 rowed ears are deepkerneled and bright golden in color. Stalks are strong and leafy with heavy husks of good color.
Pkt., 20c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

MARCCROSS 6x13. We consider this the earliest large-eared hybrid. This variety has proved very prolific, very vigorous in growth and for such an early variety produces quite large ears. 72 days.
Pkt., 20c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

SPANCROSS. 70 days. Earliest yellow hybrid. On warm sandy land it produces the earliest crop.
Pkt., 20c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

WASHINGTON. 74 days. This new variety from the Connecticut Agricultural Experiment Station closely follows Spancross in season with the largest ears of any extra early hybrid. Ears are very uniform in size with 12 to 14 rows. Pkt., 20c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

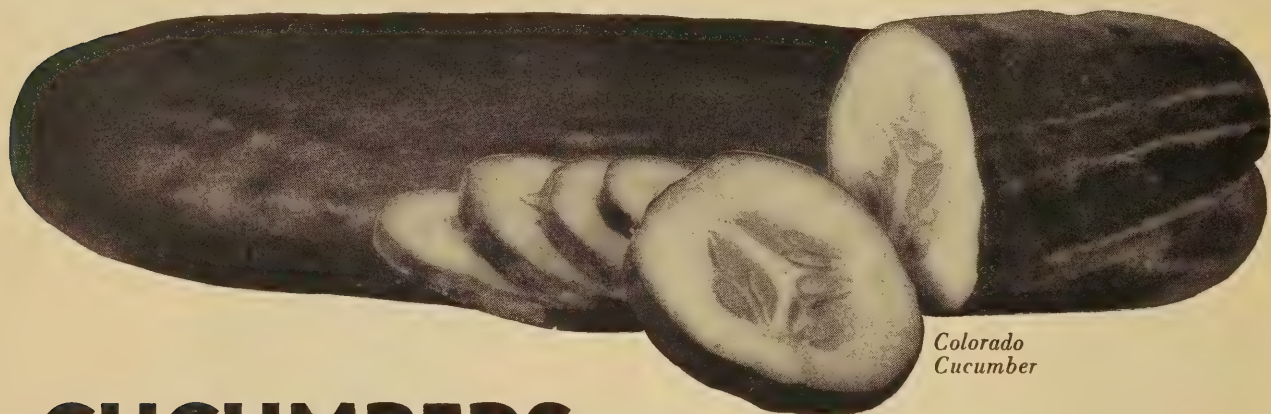
Open Pollinated White

STOWELL'S EVERGREEN. The best known and most largely planted of all varieties. The Stowell's Evergreen is hard to beat and for a long time to come many will have it in preference to any other sort. Yields large ears and long, deep kernels, with rich sugary flavor and long keeping qualities. It is the standard late sort.
Pkt., 20c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 45c per lb.

DELICIOUS POPCORN FOR PLANTING

GOLDEN HULL-LESS. The kernels are big and when popped make large tender popcorn of rich golden color and the finest quality.

Pkt., 15c; lb., 40c;
10 lbs. or over,
30c per lb.



Colorado
Cucumber

CUCUMBERS

One packet of seed will sow 15 hills, 1 ounce 50 hills.

SURE CROP HYBRID. A true hybrid cucumber of great vigor and amazing yield. Fruits are slender and intensely dark green throughout. 8 in.
Pkt., 35c

MARKETER. A fine dark green Cucumber, 7 to 8 inches long. Vines vigorous and productive. An ideal variety for market and home garden. Pkt., 10c; oz., 30c; ¼ lb., 85c.

COLORADO. W. S. Fruits very dark green, cylindrical, tapering at stem end, very small seed area, fine for slicing. 8½ inches long, 2½ inches in diameter and matures in 68 days.
Pkt., 10c; oz., 30c; ¼ lb., 85c.

CUBIT. All-America Selections, 1943. A prolific, white-spined, main crop variety, distinguished by unusually uniform dark green exterior color, and long, blunt-ended, cylindrical shape. Of smooth, crisp texture, with small seed cavity, and admirably adapted for slicing. Holds its fresh quality well in shipping or at market.
Pkt., 10c; oz., 30c.

BOSTON PICKLING. For pickling. Its fruit is short, pointed at each end, productive and of superior quality.
Pkt., 10c; oz., 25c; ¼ lb., 70c.

★**EARLY FORTUNE.** The plant is early, very vigorous, with an exceptionally heavy, thick foliage and is almost disease-resistant and very productive. Fruits are uniformly 9 inches long, slightly tapering toward each end, perfectly round and of a very dark green color which does not fade in shipping; flesh very thick, firm and crisp, and exceedingly small seed cavity.
Pkt., 10c; oz., 25c; ¼ lb., 70c.

IMPROVED WHITE SPINE. Perfection has been attained in this improvement in the White Spine family. It is early, prolific, and produces a continuous crop of uniformly large and symmetrical fruits, faintly marked with light yellowish shading toward the tip.
Pkt., 10c; oz., 25c; ¼ lb., 70c.

LONG GREEN. An old standard variety, very popular for home gardens, but little used for market. Fruit very long, slender, very firm and crisp, uniformly dark green; makes fine pickles and is the best of all when ripe for making sweet pickles.
Pkt., 10c; oz., 30c; ¼ lb., 85c.

STRAIGHT-8. W.S. For home and market garden, and shipping. Fruit uniformly cylindrical, rounded at ends, medium green, 8 inches long, 2¼ inches in diameter, and matures in 66 days.
Pkt., 10c; oz., 30c; ¼ lb., 85c.

ENDIVE

An ounce will sow 300 feet of drill, producing from 2000 to 2500 plants.

Endive, like lettuce, may be grown at any season, but is more generally used in the fall. For early use, sow in April, for later, until July, in drills 18 inches apart, or in beds for transplanting, plants should stand 10 to 12 inches apart in the row. When nearly full grown tie outer leaves over center to blanch the heart, or blanch with boards as with celery.

MOSS CURLED. Of dense growth and finely curled.

Pkt., 10c; oz., 25c; ¼ lb., 60c.

LARGE GREEN CURLED. Of large growth, not so much curled as preceding.

Pkt., 10c; oz., 25c; ¼ lb., 60c.

BATAVIAN BROAD-LEAVED (Escarolle). A variety having broad, more or less twisted and waved bright green leaves with thick, nearly white midribs. The inner leaves form a fairly solid, clustering head which blanches a beautiful deep creamy white and is crisp, tender, and of fine flavor. Unsurpassed for salads. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.50.

DILL

An annual of aromatic odor and warm pungent taste. Its seeds are used for seasoning. It possesses medicinal properties but its largest use is for making dill pickles. Plant branching, 2 to 3 feet high; leaves very much cut into threadlike segments.

Pkt., 10c; oz., 25c; ¼ lb., 60c.

FENNEL (Finocchio)

FLORENCE or NAPLES. Resembles celery in flavor but has a sweet taste and delicate odor. Should be sown in spring in drills 18 inches apart and the plants thinned to 5 or 6 inches apart.

Pkt., 10c; ½ oz., 30c; oz., 50c.

KOHLRABI

An ounce will sow about 200 feet of drill.

The edible part is the turnip-shaped bulb formed above ground. Combines somewhat the flavors of cabbage and turnip. Sow in light, rich soil early in spring in rows 1½ feet apart, thin to 6 inches apart in the row. Plantings at intervals of 10 days will give a succession until hot weather; when they fail to grow well. Plant the latter part of July for fall use.

EARLY WHITE VIENNA. (Extra for forcing.) Extremely early with small tops. Bulbs medium size, very light green or nearly white.

Pkt., 10c; oz., 40c.

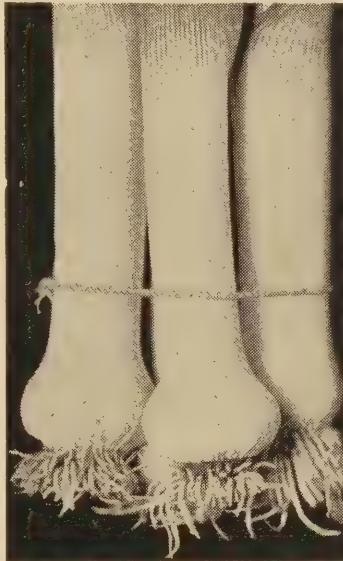
EARLY PURPLE VIENNA. Early with small top, the leaf stems being tinged with purple.

Pkt., 10c; oz., 40c.

For long distance, **AIR EXPRESS**, 3 miles per minute.



Black Beauty Eggplant



American Broad Flag Leek

EGGPLANT

An ounce will produce about 2000 plants.

Culture: Plant the seed in March in hotbed, or, for family use, in flower pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows 2 feet apart each way. Require rich soil.

LONG PURPLE. An extra early sort, fruits 7 to 8 inches long, 2½ to 3 inches thick; dark purple, smooth and attractive.

Pkt., 10c; ½ oz., 45c; oz., 75c.

NEW YORK IMPROVED (Spineless). The favorite variety. Fruit of largest size, rich purple and finest quality. Plant large, spreading and very productive; foliage light green. Pkt., 10c; ½ oz., 45c; oz., 75c.

BLACK BEAUTY. A valuable variety, ready for use 2 weeks earlier than any other sort. The fruit is thick and of a rich purplish black color. Pkt., 10c; ½ oz., 45c; oz., 75c.

HERBS

	Pkt.	Pkt.	
Anise	\$0.10	Lavender ...	\$0.10
Borage .....	.10	Marjoram,	
Basil,		Sweet ....	.10
Sweet ....	.10	Rosemary ..	.10
Caraway ....	.10	Rue .....	.10
Catnip .....	.10	Sage .....	.10
Chervil .....	.10	Savory,	
Chives .....	.25	Summer ..	.10
Coriander ..	.10	Spearmint ..	.25
Dill .....	.10	Tansy .....	.20
Fennel .....	.10	Thyme .....	.10

CRESS, CURLED or PEPPER GRASS

A small pungent salad plant, much liked by some with lettuce. Like all salad plants, it should be grown on rich ground. Seed may be sown early in the spring, but if desired through the summer, repeated sowings will be necessary.

Pkt., 10c; oz., 30c.

WATERCRESS. Thrives along brooks and in moist places. Sow broadcast and cover lightly. One of the most delicious salad plants.

Pkt., 10c.

KALE or Borecole

An ounce will produce 2000 plants.

DWARF CURLED SCOTCH. Sow in May and transplant in June, and treat generally as for cabbage. Curled, low-growing variety; the leaves, when properly cooked, make very palatable greens.

Pkt., 10c; oz., 30c; ¼ lb., 75c.

LEEK

Leeks require rich soil. Sow early in spring in deep drills, 18 inches apart, cover with one-half inch of soil, thin plants to about 8 inches apart. Draw the earth around them as with celery.

AMERICAN BROAD FLAG. A desirable strong growing, broad-leaved leek, hardy and productive. Favorite with market gardeners and used for the home garden.

Pkt., 10c; oz., 55c.

MUSHROOMS

BROWN BOTTLE SPAWN. One quart bottle will seed an area of 35 to 40 square feet, depending on the size of the piece planted. Bottle Spawn is now shipped, removed from the glass container. Mushroom culture sent with every spawn.

Each, 85c; postpaid, \$1.10.

MUSTARD

Used mainly for salads and greens. Sow as early as ground can be worked in drills 18 inches apart and one-half inch deep. Successive sowings every 3 weeks.

WHITE or YELLOW. The common variety used to flavor pickles.

Pkt., 10c; oz., 20c; ¼ lb., 45c.

SOUTHERN GIANT CURLED. Large, light green leaves. The best for salads.

Pkt., 10c; oz., 20c; ¼ lb., 45c.

OKRA or GUMBO

The young seed pods are used in soups or stewed and served like asparagus. Best results would be obtained by sowing seed in the hotbed. Set plants in rows 2 feet or more apart and about a foot apart in the row.

DWARF GREEN. Early and productive; best for northern cultivation.

Pkt., 10c; oz., 20c; ¼ lb., 45c.

PERKINS' MAMMOTH LONG POD. A dwarf but enormously productive variety. Pods long, slender, deep green and remain tender much longer than most sorts.

Pkt., 10c; oz., 20c; ¼ lb., 45c.

LETTUCE for Cool Crisp Salads

An ounce will produce from 3000 to 4000 plants.

Lettuce thrives on nearly all soils, but because the growth should at all times be rapid to insure crispness and best flavor, the soil should be heavily enriched and well worked before planting. Lettuce being quite hardy, seed may generally be sown as soon as ground can be fitted, as while prolonged or continued freezing will kill the plants, they are but little injured by an ordinary frost. Seed may also be sown in hotbed in gentle heat, and the plants, if well hardened by having been often exposed to the air, may usually be set in the open ground very soon after the time suggested for sowing outdoors.

OAK LEAF. A loose leaf variety, fine for the home garden and of high quality. Very tender leaves; fine for growing in hot weather. **Pkt., 10c; ½ oz., 25c; oz., 45c.**

BLACK-SEEDED SIMPSON. Much larger than the preceding, but not so much curled. Forms a large, loose cluster of leaves rather than a head; leaves light yellowish green. **Pkt., 10c; ½ oz., 20c; oz., 30c.**

BLACK-SEEDED TENNISBALL. More extensively grown in New England than any other variety both for first outdoor crop and for main crop, the medium sized heads being the size most liked by gardeners, while its compact form allows it to be grown more closely together than others. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 65c.**

CRISP AS ICE. A midsummer variety, surpassing all of this class in crispness, tenderness and fine flavor. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 65c.**

BIG BOSTON WHITE SEEDED. Probably the most generally used in cultivation. It is a cabbage-head, butter type, medium large, finely shaped, globular, medium light green with slight tinge of brown on margins of outer leaves. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 65c.**

EARLY CURLED SIMPSON. (White-seeded.) An old variety, with broad, often frilled, very curly, light green leaves; sweet, tender, of fine flavor. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 65c.**

GRAND RAPIDS. One of the easiest varieties of lettuce to grow. It forms no head but produces an abundant crop of pale green leaves, slightly but closely crumpled, which have an excellent flavor. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 65c.**

GREAT LAKES. 82 days. Bronze Medal, 1944. The finest Iceberg yet! Superb, crisp heads even during the hot, dry weather of midsummer. The crinkled dark green leaves fold inward, blanching the heads to a cool, crisp whiteness. **Pkt., 10c; ½ oz., 35c.**



Great Lakes

MAY KING. W.S. 63 days. Cabbage-butterhead; medium small, light green, tinged slightly at edges with brown. It is early and especially good for outdoor culture. **Pkt., 10c; ½ oz., 20c; oz., 30c.**

PENNLAKE. A cross between Great Lakes and Imperial No. 847. A very fine uniform head with a dark green color. Quality excellent. 82 days. **Pkt., 10c; ½ oz., 40c; oz., 75c.**

PROGRESS. A new crisp heading lettuce in the Imperial class; developed by the U.S.D.A. in co-operation with the New Jersey station. It is an early, dark green, thick-leaved, heavily savoyed, tip-burn resistant, crisphead lettuce, of good flavor and high quality. As compared with Imperial 44, Progress is a darker green, thicker leaved, more savoyed; heads are more dense, more resistant to tip-burn, and of superior quality. **Pkt., 10c; ½ oz., 35c; oz., 65c.**

IMPERIAL No. 847. (Long Standing Iceberg.) This fine lettuce will do well in spring and fall, and is outstanding as a summer heading variety, even during hot weather most every plant will produce a fine solid head. **Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.50.**

NEW YORK No. 12. Delightful to the eye—crisp, excellent quality. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25.**

PRIZE HEAD. A large, loose-leaved variety, which has been very popular for home use. Leaves very thin, crimped, bright green tinged with brownish red; sweet, tender and of good flavor, but not equal to Crisp as Ice. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 65c.**



Grand Rapids



Oak Leaf

Romaine or Cos Lettuce

Distinct from the ordinary lettuce on account of their tender, crisp leaves and delicious flavor.

PARIS WHITE COS. One of the finest varieties for summer use. **Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 65c.**

Muskmelons **SWEET and JUICY**

An ounce will plant about 50 hills. 1½ to 2 pounds are required for an acre.

The Muskmelon succeeds best in warm, rich soil. Plant when all danger of frost is past, in broad hills 4 to 5 feet apart, 10 or more seeds to each hill. Cover with 1 inch of soil and firm well with hoe.

***BENDER'S SURPRISE (The Bender Melon).** A very popular variety in the East, particularly around Albany, N. Y. A selection from Surprise and a close kin to Irondequoit, differing from that variety in being more oblong, more full and rounded at the ends, not quite as well netted or as early; skin light greenish yellow when ripe. A very delicious, large salmon-fleshed melon with superior shipping and keeping qualities.

Pkt., 10c; oz., 30c; ¼ lb., 85c.

DELICIOUS. Best described as an early strain of the Bender melon, a trifle smaller in size. Light green, finely netted, oval fruits. Firm, tender flesh of a beautiful deep orange-yellow color.

Pkt., 10c; oz., 30c; ¼ lb., 85c.

GOLDEN CHAMPLAIN. 85 days. Considered by melon growers of long experience to be the most desirable early-maturing muskmelon. A vigorous grower of medium size with salmon flesh of superb quality, well netted.

Pkt., 10c; oz., 30c; ¼ lb., 85c.

HEARTS OF GOLD. A fine melon, medium in size, round and well netted; flesh thick, orange-yellow, of excellent flavor.

Pkt., 10c; oz., 30c; ¼ lb., 85c.

HONEY DEW. The average size of the melon is 6 inches in diameter and 7 to 8 inches in length. The flesh is an emerald-green, very thick, melting, and fine grained; can be eaten to the extreme rind. The seed cavity is very small, the rind impervious to water. The melon does not shrink in weight, is not easily bruised, and is a splendid shipper. It is later than Rocky Ford strains and is very prolific.

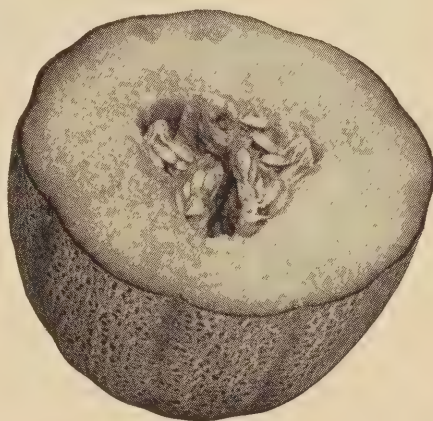
Pkt., 10c; oz., 25c; ¼ lb., 75c.

ROCKY FORD. More largely grown than any other of the small or basket melons. Oval, slightly ribbed, densely covered with fine netting; flesh green, thick and of rich flavor.

Pkt., 10c; oz., 25c; ¼ lb., 75c.



Golden Champlain



Hearts of Gold



Bender's Surprise Muskmelon



Harris' Earliest Watermelon

WATERMELONS

One ounce will plant about 25 hills;
4 lbs. to the acre.

The culture of the Watermelon is mainly the same as recommended for the muskmelon; hills should, however, be about 10 feet apart.

ICE BOX. About 78 days to maturity, 6 inches in diameter and nearly round, light mottled skin, very thin shell, red fleshed, rich and sugary. Black seeded.

Pkt., 10c; oz., 30c.

COLE'S EARLY. Small but very early; of fine quality and sure to mature in any latitude where melons can be grown.

Pkt., 10c; oz., 20c; ¼ lb., 50c.

HARRIS' EARLIEST. A new extra early variety, large and of exceptionally fine quality. Slightly oval, mottled in stripes of light and dark green. Flesh bright red. One of the most desirable for planting in the North.

Pkt., 10c; oz., 20c; ¼ lb., 50c.

CITRON For preserving only. Pkt., 10c; oz., 20c; ¼ lb., 50c.

ONIONS

for

- Salads
- Soups
- Seasoning
- Pickles

1 pkt. will sow 50 ft. of drill; 1 oz. about 200 ft.; 4 to 5 lbs. per acre.

Onions are very healthful and wholesome, probably used more often in the kitchen than any other vegetable, either in connection with other foods for seasoning or in many of the delicious ways to prepare them for their own tempting goodness. Highly prized for their tonic qualities, and doctors everywhere recommend the use of onions in the diet because they are wholesome and nutritious.

Onions are not hard to grow. They like a clean, rich soil. Sow as early as possible in drills 1 foot apart.

AILS CRAIG. Of mammoth size, larger than the Prizetaker, oval-shaped, pale straw colored skin; of very mild flavor. Extra large onions can, however, be obtained by sowing seed early in the spring in the hotbed and transplanting to the open ground. Pkt., 10c; ½ oz., 35c.

✕**EARLY YELLOW GLOBE.** This is a yellow, globe-shaped onion with a fine yellow color, a good winter keeper, as its skin is very thick. It will mature 3 weeks earlier than Danvers and yields very heavily.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.35.

WHITE PORTUGAL or SILVERSKIN. An early white, flat variety, of medium size and mild flavor.

Pkt., 10c; ½ oz., 25c; oz., 45c.

LARGE RED WETHERSFIELD. The standard red variety. Bulb large, flattened but thick; skin deep purplish red. The best of all for light soils.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.35.



Prizetaker Onion



PRIZETAKER. Grows to an immense size and for fall marketing is unexcelled. Although of such great size, it is very hardy and a fair winter keeper, as it ripens up hard and firm. Very fine grained and of mild delicate flavor. The outside skin is rich yellow while the flesh is white. Pkt., 10c; ½ oz., 30c.

SWEET SPANISH. 110 days. Mild-flavored, globe shaped, light yellow onion of Spanish origin that grows to large size. Pkt., 10c; ½ oz., 30c; oz., 55c.

YELLOW GLOBE DANVERS. A favorite variety for winter use. The bulbs are nearly globe-shaped, but slightly flattened. Skin is light yellow. Splendid keeper. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15

HARDY WHITE BUNCHING. 120 days. Used exclusively for green bunching, as it forms no bulbs. A hardy perennial that produces for many years. Seeds sown in the spring or summer will produce late in the fall or, if wintered over, very early the following spring. Thin to 8 to 12 inches after the first year. Tender and of mild flavor. Pkt., 10c; oz., 50c.

ONION SETS

1 lb. will plant 100 feet of row; 250 to 335 lbs. per acre.

We do not deliver Onion Sets free, purchaser pays transportation. Onion Sets weigh 1 pound per quart. For parcel post zone rates see back of order blank.

These sets will provide small green onions in 2 to 3 weeks after planting seeds, and are an important crop to precede the seed-sown varieties. They mature large onions much earlier than can be grown from seed. May be planted in early spring as soon as danger of freezing is past.

WHITE.

Lb., 35c; 5 lbs., \$1.65; 10 lbs., \$3.00.

YELLOW.

Lb., 35c; 5 lbs., \$1.65; 10 lbs., \$3.00.

EGYPTIAN or PERENNIAL. (For delivery in September.)

Special Prices On Bushel Lots.

PARSLEY *Every Garden Should Have a Few Plants. It Adds Zest and Color to the Menu*

One ounce will sow 200 feet of drill.

Always required for garnishing, also used for flavoring soups and stews and in salads.

Culture: Sow early, seed is slow to germinate; early radishes can be sown in same row and will be used before parsley is up. A rich soil is best, but parsley will thrive in any soil.

CHAMPION MOSS CURLED. This is a prize winning English variety. Handsome, compact plants. Leaves have the appearance of finely curled moss. Hardy and slow to run to seed.

Pkt., 10c; oz., 20c; ¼ lb., 50c.

PLAIN LEAF. The leaves of this variety are flat, deeply cut but not curled. Desirable for flavoring soups and stews, and for drying. The curled sorts are more extensively used for garnishing.

Pkt., 10c; oz., 20c; ¼ lb., 50c.

PEERLESS. A new selection, extra dark green and finely curled, long stemmed and very hardy.

Pkt., 10c; oz., 20c; ¼ lb., 50c.



Paramount Parsley

GARDEN PEAS

*Plant Them Generously
But Plant Them Early*

**Inoculate
This Seed With
NOD-O-GEN**

One pound will plant about 100 feet; 70 to 85 lbs. an acre.

Peas of the extra early, smooth class are first to be planted in the spring. The wrinkled sorts follow later, as they are not quite so hardy. The tall, late varieties need brush, wire or some other support. Though light, warm soil is desirable for the extra early varieties, peas generally produce a much larger crop on soil which is moderately heavy.

Plant the early and dwarf varieties in drills 2½ feet apart and 3 or 4 inches deep, cover with only 1 inch of soil and fill the trench gradually as plants grow. Plant the taller and later varieties in rows 3 or 4 feet apart and 5 to 6 inches deep, covering as already suggested. The tall, late varieties, plant in double rows.

Extra Early Dwarf Varieties

DWARF TELEPHONE or DAISY. Pods large; peas wrinkled, sweet and tender, a heavy bearer. Height 18 inches.

Pkt., 20c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

***BLUE BANTAM. An Extra Early Dwarf Producer.** The best early dwarf wrinkled pea. It is unequaled for combination of extreme earliness, superb quality and unusual productiveness. Vigorous vines average 15 inches in height and carry extra heavy crops of long, deep bluish green pods. Pods measure 4 to 4½ inches long, tightly packed with 8 to 10 large deep bluish green peas. A Ross recommendation tested and proved for its fine quality.

Pkt., 20c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

LAXTON'S PROGRESS. A Dwarf Variety, 18 Inches Tall. Ready a few days earlier than Laxtonian. Pods 4 inches long, with 8 to 10 large sweet peas. Vines average 18 inches in height, bearing heavy crops in 53 days.

Pkt., 20c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

Extra Early Varieties—Taller Growth

ALASKA. Very early, smooth, blue Pea for a first early sort. Height 2½ feet. Foliage and pods light green; pods 2½ inches long, round, straight and square ended, containing 6 light green peas. Very uniform in maturity.

Pkt., 20c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

FREEZONIAN. An excellent Pea for freezing. A very heavy bearer and fine quality, pods 3½ inches to 4 inches long. Vines about 30 inches high, ripen in 63 days. This variety is ideal for all growers of fine Peas.

Pkt., 20c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

GRADUS. A remarkable variety, combining earliness and peas of largest size and best quality. Mature soon after Nott's Excelsior. Vine resembles the Telephone but is only 3 to 3½ feet high

***LAXTONIAN. A Grand Early Marrow Dwarf Pea. Vigorous and Dependable Grower.** The pods are not only large, but are always well filled with peas of great size and remarkably good quality. The crop is ready for use about a week later than the earlier sort. The vines grow 18 inches high and each pod contains 8 to 9 peas.

Pkt., 20c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

LITTLE MARVEL. A prolific early dwarf garden pea. Recommended to the home gardener. Pods average 3 to 4 inches long.

Pkt., 20c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

NOTT'S EXCELSIOR. Extra early dwarf growth. Excellent for home garden; hardy and vigorous, and will mature in 60 days. The pods are filled with 7 to 9 large peas, superior in sweetness and quality. Large and vigorous vines bearing an enormous yield.

Pkt., 20c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

SUTTON'S EXCELSIOR. The vine is of more vigorous growth than the Nott's Excelsior, a little taller, fully as productive and matures its crop nearly as early, while both pods and peas are decidedly larger.

Pkt., 20c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

on rich land; productive. Pods 4 inches long, straight, slightly curved at end, light green, well filled.

Pkt., 20c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

THOMAS LAXTON. Vine of about the same height as the Gradus, of similar habits but much darker, hardier and more productive. More attractive and better filled with peas as large and equal in quality.

Pkt., 20c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

WORLD'S RECORD. A large, early wrinkled pea with pods 3½ to 4 inches long. The pods are well filled with peas of excellent quality. The vines are vigorous, growing about 36 to 40 inches high. Peas are ready to pick 4 to 5 days before Gradus. A variety which should be in every garden.

Pkt., 20c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

Second-Early, Medium and Late Varieties

ALDERMAN. This midseason pea, tall growing, is of English origin, and a few days later than the "Improved Telephone." Pkt., 20c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

***IMPROVED TELEPHONE.** Extensively grown. Vine 3¼ to 4 feet. Productive on good soil. Pods large. Peas above medium size, of best quality.

Pkt., 20c; lb., 50c; 2 lbs., 95c;
10 lbs. or over, 45c per lb.

For long distance, AIR EXPRESS, 3 miles per minute.

PEPPERS

Sweet and Hot

An ounce will produce from 1500 to 2000 plants.

Sow in hotbed in March or April, transplant in open ground when all danger of frost is over, in rows 3 feet apart and 2 feet apart in the row. Seed can be sown outside late in May. Cover seed one-half inch and thin as above.



Windsor "A" Pepper

BELL or BULL NOSE. Large, bell-shaped, thick-fleshed and less pungent than some other sorts. Good for filling. Pkt., 10c; ½ oz., 35c; oz., 60c.

EARLY CALWONDER. An early strain of California Wonder maturing a week to ten days earlier than others. Plant stocky and sturdy, vigorous, prolific. Fruits 3- and 4-lobed, upright, very attractive. Pkt., 10c; ½ oz., 40c; oz., 75c

HARRIS EARLY GIANT. The earliest known pepper and for the far North the most desirable. Plant very dwarf and compact in growth and extremely productive. Fruit 3-lobed, 3½ inches in length by 2½ inches in diameter, very mild and sweet. Pkt., 10c; ½ oz., 40c; oz., 75c.

HUNGARIAN YELLOW WAX. (Hot.) (60 days.) An early variety with thick walls. The fruits are 5½ to 6½ inches long and about 1½ inches in diameter. The color is waxy yellow when young changing to orange and then to bright red. Pkt., 10c; ½ oz., 40c; oz., 75c.

CALIFORNIA WONDER. A midseason variety, mild and sweet, about 4½ inches long by 4 inches in diameter. Heavy walls, bright green changing to brilliant crimson. Pkt., 10c; ½ oz., 40c; oz., 75c.

RED CHERRY.

Pkt., 10c; ½ oz., 40c; oz., 75c.

LONG RED CAYENNE. Fruit very slim, pointed, about 4 inches long, and when ripe, bright red. Extremely pungent.

Pkt., 10c; ½ oz., 35c; oz., 60c.

SQUASH, or TOMATO SHAPED. Fruit flat or tomato-shaped and somewhat ribbed; flesh thick and slightly more pungent than other large sorts, early and sure to mature.

Pkt., 10c; ½ oz., 40c; oz., 75c.

WINDSOR "A". It is a thick-walled type, very desirable for home or garden use. The plant is of medium height and very prolific. The fruits are sweet, smooth, thick meated and very little wrinkled or furrowed, mostly three-lobed. Pkt., 10c; ½ oz., 40c; oz., 75c.

WORLD BEATER. Large, smooth, beautiful peppers. Mild flavor, very early to ripen. Very prolific.

Pkt., 10c; ½ oz., 40c; oz., 75c.

WALTHAM BEAUTY. An early prolific thick-fleshed Pepper. The fruits are similar to California Wonder but a little smaller. Pkt., 10c; ½ oz., 40c; oz., 75c.



Long Red Cayenne

Tasty Parsnips—Dig Them Out of The Snow

One ounce will sow 200 feet of drill; 6 lbs. are required for an acre.

A vegetable for all winter use, with a rich, sweet flavor that most people like. Easily and cheaply grown.

Culture: Sow early in the spring, seed is slow to germinate. Sow one-half inch deep in rows 2 feet apart. Thin to 5 inches in rows. Frost sweetens them; can be left in the ground all winter.

ARLINGTON LONG SMOOTH. Roots very long and smooth, with full crown, desirable for deep soil and, owing to the full crown, is less liable to rot if left in the ground through the winter than the Hollow Crown.

HEAVY BEARING PEANUTS

SPANISH. The best variety. An early, heavy bearer; bushes growing close, so very easily cultivated. Best recleaned seed stock.

Pkt., 15c; 1b., 45c, postpaid.

By express, 10 lbs. or more, 35c per lb.

***HOLLOW CROWN.** (110 days.) A good cropper, roots 15 inches long, 3 inches in diameter at the top. Flesh is fine grained, white and of superior quality.

Prices: Of each variety we offer a choice selected strain, each, pkt., 10c; oz., 20c; ¼ lb., 50c.



Maine Certified Seed Potatoes

For Better Potato Yields Plant Maine Grown Seed

Shipment from April 1st to June 1st

Kennebec

A New State of Maine Variety

A midsummer to late variety which is fast coming into favor and to a large degree will replace the Green Mountain, which has been the favorite for many years. It is ahead of most varieties in quality. Tests have shown that there is very little difference between its quality and that of the Green Mountain. The tubers have shallow eyes and a white skin. The shape, slightly oblong, is a little shorter than the Green Mountain. It grows a very heavy vine and is immune to the common strains of late blight. It is not blight proof but is very highly blight resistant. The Kennebec grows big tubers and we suggest close planting which will allow the use of more seed per acre than other varieties and this new variety puts on growth very rapidly. It is a heavy yielder, having produced over 500 bushels per acre during tests. It is adaptable to nearly all soils, has led in a test of 22 varieties in California and is being used throughout the southern states.

Green Mountain

One of the old standard varieties. It is an excellent potato for baking and very dependable keeper for winter. It has been for years the standard main crop variety in the East and is still a favorite with many because of its fine quality. It seems to thrive on all types of soils and produces a heavy crop. The skin is white and the potatoes cook white and mealy. Most crops produce potatoes of a very satisfactory size for home use.



Chippewa

Chippewa

A good variety to plant with Green Mountain or Katahdin. Constantly gaining in favor since its introduction by the U. S. Department of Agriculture. It is a high yielding potato, highly resistant to mild mosaic. It has a velvety white skin with very shallow eyes; regular in outline, oblong to elliptical in shape. It matures earlier than the Green Mountain and other late maturing varieties. It consistently produces an attractive tuber with a very high percentage of No. 1 potatoes. A distinct advantage possessed by the Chippewa is its maturity before the usual time of digging the late crop. While it is not classed as an early variety, it matures somewhat earlier than Green Mountain and other late maturing varieties.

AROOSTOOK COUNTY, MAINE POTATOES. We have offered for years only certified stock from Aroostook County, Maine as we believe that this stock, certified by Maine authorities, is best adapted to our New England conditions and soil. We recommend that new seed be used each year and that only certified seed be planted.

For the House Garden

We recommend Code 927 C-O-C-S Potatox dust or spray. Contains DDT and Copper. Used for control of bugs and blight on potatoes and other vegetables.

For the Large Grower for Dusting

We suggest the use of C-O-C-S Niatox 5 Dust. Contains 5% DDT. 50-lb. bags **ONLY**

Irish Cobbler

An early, white-skinned variety; very short, thick, inclining to round. This potato has continued to gain in popularity as the variety for the early market. It is still the best early potato both in quality and yield. Very few others even equal and none surpass the Cobbler in yield unless it is some of the main later varieties. For home garden planting it is a wonderful sort, giving the gardener a good crop of early potatoes of unsurpassed quality. It does have a deeper eye than most varieties and some object to this, but this defect is made up by earliness and quality. The vine is very strong and vigorous and is quite resistant to blight and other potato plant diseases. A very fine old variety.

Katahdin

Originated by the U. S. Department of Agriculture, the Katahdin has become the outstanding late potato for storage and market. It was originated in Maine and has been bred for disease resistance, quality and yield. During the years it was under observation it was entirely free from mild mosaic. It has increased in yield until it has surpassed about all of the late producing varieties. The tubers are smooth, short, elliptical to roundish, and have few very small, shallow eyes. The crisp white flesh has a distinct cooking quality which appeals to the housewife.

Culture: Cut the seed into pieces, having 2 or 3 eyes. Plant in furrows 3 feet apart and 12 to 15 inches apart in the row. One peck of potatoes should be sufficient to plant 75 to 100 hills; 10 to 14 bushels are required to plant an acre. Potatoes do best on new soil and will respond generously to fertilizer applications. Cultivate by bringing the soil well up around the plant. Spray or dust the plants for insects and blight.

Prices, all varieties 15 lbs., \$1.20; 30 lbs., \$2.35; 60 lbs., \$4.50; 100 lbs., \$7.00, at Worcester.

Bird Seeds

	Best Recleaned for Feeding Only	
	Lb.	100 lbs.
Canary	\$.20	\$16.00
Hemp	.30	25.00
Lettuce	.30	24.00
Rape	.30	22.00
Sunflower Striped	.35	27.00
Flax	.28	21.00

Wild Bird Seed

A mixture of sunflower, millet, peanut hearts, small grains, etc. Lb., 18c; 5 lbs., 65c; 10 lbs., \$1.25; 25 lbs., \$2.75.



Radishes You'll Want Them All Summer Plant Every Two Weeks

An ounce will sow 100 feet of drill.

The secret in growing good radishes consists chiefly in the observance on the part of the grower of 3 points. First, they should be grown on light quick soil. Second, they should be given plenty of water, and last, but by no means least, the right kind of seed should be sown. For the first crop sow as early in spring as ground can be worked, and every two weeks through the season.

A warm, sandy loam, made rich and light by strong manure, is best. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August. One ounce will sow 100 feet of drill, 8 to 10 pounds per acre.

***EARLY SCARLET GLOBE.** A very early globe-shaped radish suitable for open ground. The radishes are of handsome shape, attractive bright red, and are crisp, solid and of the finest quality. They grow so rapidly that under favorable circumstances they may be pulled 20 days from sowing the seed. This is the most popular variety for forcing. Our seed is of the very finest strain grown from transplanted roots and will be found unsurpassed.

Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

CRIMSON GIANT. An early but large, round or slightly globular radish adapted for either forcing or outdoor cultivation. While it grows much larger than other forcing varieties, it does not become pithy under glass, nor outdoors.

Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

CHERRY BELLE. A popular short-topped scarlet globe type Radish, both for forcing and outdoor use. The root is globe-shaped, bright scarlet color, with a crisp flesh, holding from pithiness. Owing to its earliness and short top, this new variety has rapidly gained favor. **Pkt., 10c; oz., 20c; ¼ lb., 50c.**

EARLY SCARLET TURNIP. A small, round variety, with small tops; quick grower. Popular for forcing and outdoors. Deep scarlet.

Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

EARLY SCARLET TURNIP.

White Tipped. Root nearly round, slightly flattened at bottom, bright scarlet with tip of clear white, early and attractive; suitable for forcing and outside planting. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.**

EARLY LONG SCARLET. Short-Top.

Once the most popular radish but has been largely displaced by the round varieties; 6 to 8 inches long, matures in 25 to 30 days. **Pkt., 10c; oz., 20c.**

EARLY WHITE GIANT STUTTGART.

Root large, clear white, often 4 inches in diameter. Can be stored for winter use.

Pkt., 10c; oz., 20c.

FRENCH BREAKFAST. Stump-rooted; about 3 inches long. Bright scarlet, tipped white.

Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

LONG BLACK SPANISH WINTER. One of the hardiest and best for winter use.

Pkt., 10c; oz., 20c.

ROUND BLACK SPANISH.

White flesh with black skin.

Pkt., 10c; oz., 20c.

***WHITE ICICLE.** The earliest pure white, long, summer radish. Roots when matured are 5 to 6 inches long by about ½ inch in diameter. One of the best outdoor summer radishes.

Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

**For Good Crops It Is
Important to Plant
Ross' Selected Seeds**

White Icicle



Early Scarlet Globe

*Early
Long
Scarlet*

Pumpkin for Pies

An ounce will plant 25 hills.

SMALL SUGAR. The popular variety in New England for pies; fine grained and sweet.

Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.40.

CONNECTICUT FIELD. The standard variety for feeding stock.

Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.40.

JUMBO or KING OF THE MAMMOTHS. The largest of all pumpkins. Skin orange-salmon; flesh bright yellow, very thick, fine grained and of excellent quality for pies.

Pkt., 10c; oz., 25c; ¼ lb., 70c.



Small Sugar Pumpkin



Victoria Rhubarb

RHUBARB

Fresh and Delicious

The roots can be raised from seed sown in spring, and are ready to transplant to the permanent bed the next spring. The seed must be sown in fine, rich soil, and the seedlings must have good care.

VICTORIA. The most popular variety, fine for family use and market. Comes quite true from seed.

Pkt., 10c; oz., 25c; ¼ lb., 90c.

RHUBARB ROOTS. Sent by express or parcel post at buyer's expense. Each, 25c.

SALSIFY

An ounce will sow 50 feet of drill.

Sow early and deeper than parsnip, otherwise culture is the same and, like parsnips, roots, if desired, may be left in the ground through the winter, but should be dug very early in the spring, as they deteriorate after growth commences.

MAMMOTH SANDWICH ISLAND. Larger, of strong growth, and less liable to grow spongy than the old Long White.

Pkt., 10c; oz., 50c; ¼ lb., \$1.50.



Salsify

Spinach

An ounce will sow 100 feet of drill; 14 to 16 pounds to the acre.

Culture: For spring and summer use, sow in drills one foot apart and one inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich.

***SUMMER SAVOY.** This strain of Long Standing Bloomsdale is fine for a summer crop as it will stand hot weather well. It is a little darker than Bloomsdale Long Standing. Pkt., 10c; oz., 20c; ¼ lb., 45c.

SAVOY-LEAVED, or BLOOMSDALE. The earliest variety and used almost entirely for fall sowing, as it runs quickly to seed in warm weather. Leaves of medium size, dark green, pointed and crimped. Pkt., 10c; oz., 20c; ¼ lb., 45c.

SAVOY, VIRGINIA YELLOWS-RESISTANT. It will grow on disease-infested soil and produce a crop where others fail. Pkt., 10c; oz., 20c; ¼ lb., 45c.

NEW ZEALAND. The hot weather spinach. Leaves and stems are succulent and tender. May be picked frequently during the summer. Pkt., 10c; oz., 20c; ¼ lb., 45c.



New Zealand Spinach

BLOOMSDALE LONG STANDING. In appearance quite similar to the Bloomsdale strain, the leaves being more intensely green. On account of the low per cent of male plants it stands heat remarkably well. After other kinds have gone to seed this will stand for a long time. Pkt., 10c; oz., 20c; ¼ lb., 45c.

***EARLY GIANT THICK-LEAVED.** Leaves very large and thick, deep green, attaining a size suitable for use early and plant grows to a large size before running to seed. Pkt., 10c; oz., 20c; ¼ lb., 45c.

Small Summer Garden Collection

Sent postpaid in the United States for \$1.00. Catalog total price, \$1.25.

One packet of seed of each of these 9 varieties:

Black Wax Beans
World Record Peas
Golden Early Market
Sweet Corn
Early Wonder Beet

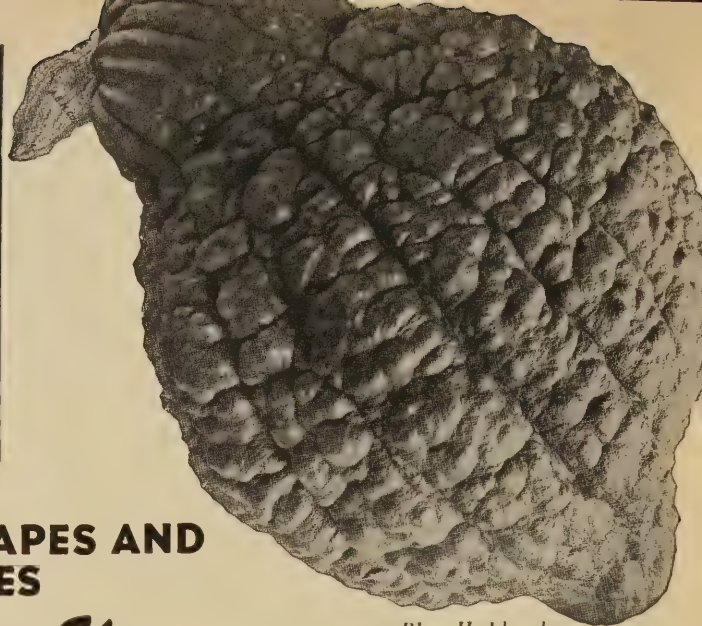
Danvers Carrot
Fortune Cucumber
Iceberg Lettuce
Scarlet Globe Radish
Summer Crookneck Squash



Early Giant Thick-Leaved Spinach



Butternut



Blue Hubbard

SQUASH IN ALL SHAPES AND SIZES

for Summer and Winter Use

Squash seed should be planted at about the same time and in the same manner as cucumbers and melons. The hills should be 9 feet apart each way, slightly elevated and highly manured. Bush varieties may be planted closer together. Use plenty of seed, as the bugs will destroy some plants.

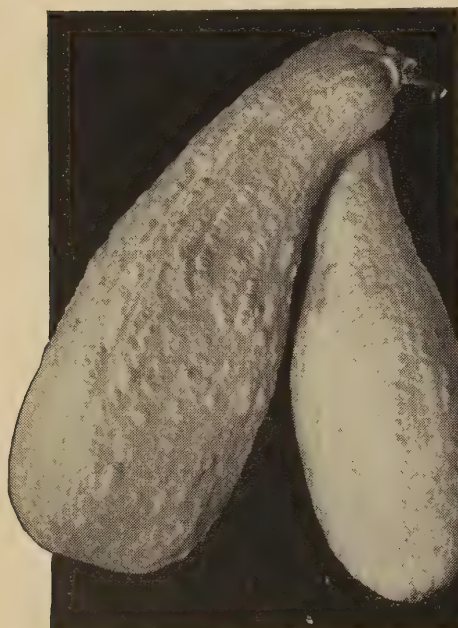
WINTER SQUASH

★**BLUE HUBBARD.** Special Market Gardeners' strain. The Symmes Blue Hubbard is an entirely distinct variety resembling the Warded Hubbard in shape. It is a pale light blue color, very thick meated, dry and very sweet; its eating qualities can not be surpassed.

Pkt., 10c; oz., 45c;
¼ lb., \$1.20.

★**BUTTERCUP.** Has excellent quality and fine thick sweet flesh. Very popular for local markets and roadside stands. Shape is flat with distinctive button.

Pkt., 10c; oz., 40c.



Early Prolific Straightneck

★**BUTTERNUT.** The fruits are of a yellowish brown color and bottle-shaped. Flesh is yellow, dry, sweet and excellent flavor. Small seed cavity. Keeps well into the winter months. Pkt., 10c; oz., 45c.

★**GOLDEN HUBBARD.** A rich orange-red instead of the dark olive-green of the old Hubbard, the flesh is thick and a little deeper colored. Good quality, fine grained and dry.

Pkt., 10c; oz., 25c;
¼ lb., 85c.

★**GREEN HUBBARD. W.** A well-known and favorite winter variety, more largely grown than any other. We offer a choice strain, considered by some of our customers to be superior to the popular Chicago Hubbard.

Pkt., 10c; oz., 25c;
¼ lb., 85c.

★**GOLDEN DELICIOUS.** A fine home garden variety. Medium size, with deep orange shell and thick orange flesh. A good keeper.

Pkt., 10c; oz., 25c;
¼ lb., 85c.

★**DELICIOUS.** A fall and winter variety. Color, usually dark green. Shell moderately hard but very thin; flesh thick, very fine grained, sweet and of finest flavor.

Pkt., 10c; oz., 25c;
¼ lb., 85c.

★**WARREN TURBAN.** Has a shell generally harder and thicker than the Essex Hybrid. The color is a deeper and richer orange, while the quality is decidedly better. Grown very extensively by market gardeners.

Pkt., 10c; oz., 25c;
¼ lb., 85c.

★**TABLE QUEEN, or DES MOINES.** Desirable for home and market garden use. Acorn-shaped fruit, ribbed, smooth, thin shelled, dark green, flesh light yellow, bakes well, with sweet inviting flavor.

Pkt., 10c; oz., 25c;
¼ lb., 85c.

★**UCONN.** It is a bush Acorn or Table Queen type especially valuable because its non-vining habit allows greater yield in limited space. This bushy habit combined with heavy yield make it attractive to the home gardener looking for a family supply from a few hills. Pkt., 10c; oz., 30c.

SUMMER SQUASH

★**ITALIAN VEGETABLE MARROW.** Dark green at first, becoming marbled with yellow as they mature. The young fruits when fried in oil, constitute a vegetable delicacy very popular.

Pkt., 10c; oz., 25c;
¼ lb., 50c.

★**EARLY SUMMER CROOKNECK.** For early planting the Crookneck type is used in New England to almost the exclusion of any other. This, while much smaller than the Mammoth Crookneck, is yet largely grown, many considering it of better flavor.

Pkt., 10c; oz., 25c;
¼ lb., 50c.

★**EARLY GIANT SUMMER.** Early, mostly straight necked and much larger than the Summer Crookneck. A fine quality, growing from 14 to 16 inches long. Extensively used by market gardeners and exceptionally good for home gardeners.

Pkt., 10c; oz., 25c;
¼ lb., 50c.

★**EARLY PROLIFIC STRAIGHTNECK.** It is 10 days earlier than other summer squashes. The squash is smaller than the old Straightneck, smooth and has a clear yellow color. The vine is dwarf and very prolific.

Pkt., 10c; oz., 25c;
¼ lb., 50c.

★**YANKEE HYBRID.** The squash are of the finest type and very uniform. The skin has a waxy yellow color, very attractive. Early and prolific.

Pkt., 10c; oz., 70c.

★**EARLY WHITE BUSH SCALLOP.** 54 days. A patty-pan scalloped edged variety, with creamy white skin and flesh, of fine quality.

Pkt., 10c; oz., 25c.

★**ZUCCHINI. (Black.)** 65 days. Long cylindrical fruits weighing 5 to 6 pounds, use when young, cook like Eggplant.

Pkt., 10c; oz., 25c.

Tomatoes

Are the Backbone of Every Successful Vegetable Garden

Tomatoes are to be found in every garden. They are easily grown and can be used in so many different ways. It is well to grow an early as well as a main-crop, whether they are for home use or market. The main crop is, of course, more desirable for canning.

CULTURAL DIRECTIONS

An ounce will produce about 2,000 plants.

Tomatoes do best on light, warm, not over-rich soil. Sow in hotbed or window-box (where 60 degree Fahrenheit is the minimum night temperature) in March, in rows 3 inches apart and ½ inch deep. Cover firmly. Later sowings may be made to the end of April. When seedlings are 3 inches high, transplant 4 inches apart each way in hotbeds, cold frames, or singly in 3-inch pots. Harden plants by exposing to the air occasionally. After warm weather is settled, set out plants 3 to 4 feet apart each way in hills, into each of which fertilizer has been previously mixed. Water freely at time of transplanting and shelter from sun until plants are well established.



Marglobe

STOKESCROSS No. 4 Hybrid. The brilliant F.2 hybrid is looked upon as a variety of enormous importance by the grower and shipper group. Produces large, solid, highly flavored fruit in large quantities. 75 days from transplanting. Pkt., 25c; oz., \$5.00.

STOKESCROSS No. 5 Hybrid. It has a long harvest season. Its hybrid vigor stands out in its heavy production of highly flavored and highly colored fruit. It is nearly crack proof. 6-ounce fruit ripens in about 80 days. Pkt. (about 250 seeds), 25c; oz., \$5.00.

BEAUTY. Fruit large, very smooth, excellent flavor, color purplish pink. Pkt., 10c; ½ oz., 30c; oz., 55c.

***BONNY BEST.** Large size tomatoes, bright scarlet in color. Excellent variety for the canner as it yields from 12 to 15 tons to the acre. Pkt., 10c; ½ oz., 35c; oz., 60c.

COMET. An excellent greenhouse sort, heavy yielder. Pkt., 10c; ½ oz., 35c; oz., 60c.

DWARF CHAMPION. Dwarf, compact, upright growth. Fruit smooth and solid. Pkt., 10c; ½ oz., 45c; oz., 80c.

GOLDEN JUBILEE. The best yellow-orange variety, fruit smooth and globe shaped with excellent flavor. Pkt., 15c.

***JOHN BAER.** The rich, scarlet-red fruits are thick and slightly flattened at the top; smooth, firm and of medium large size. Pkt., 10c; ½ oz., 30c; oz., 55c.

***MARGLOBE.** Resists rust and wilt. Almost round; of large size and bright red color. It is one of the most productive tomatoes in cultivation. Marglobe is early and continues bearing over a long period of time. It possesses a delicious flavor, and the tenaciousness of its skin minimizes cracking of the fruit. Pkt., 10c; ½ oz., 30c; oz., 55c.

***PRITCHARD.** A great advance in the early class. Ripens with Earliana and ahead of Bonny Best. A cross between Marglobe and Cooper's Special. Good size, intense scarlet, solid, almost no core, small seed pockets; valuable for both market and home garden. Pkt., 10c; ½ oz., 30c; oz., 55c.

RUTGERS. Wilt-resistant. Has thick outer and inner walls of solid meat. It is globe-shaped, scarlet-red in color, resembling Marglobe. Ripens first in the center of the fruit so that when red on the outside, the tomatoes are ripe all through. Rutgers is in great demand for all purposes. Pkt., 10c; ½ oz., 30c; oz., 55c.

SPARKS' EARLIANA. A deep red tomato. The vines are compact in growth, with short, close-jointed branches. Extra early and the best so far produced. Very productive. Fruit fair size and firm. Ripens 108 days from date of sowing seed. Pkt., 10c; ½ oz., 30c; oz., 55c.

STOKESDALE. Fine for market and canning; medium size fruit, globe shaped and bright scarlet color. The fruit ripens evenly and is very free of cracks and blemishes. Pkt., 10c; ½ oz., 30c; oz., 55c.

STONE. Vines vigorous and productive; fruit large, smooth, deep red in color, and heavy. The best all around variety where earliness is not important. Pkt., 10c; ½ oz., 30c; oz., 55c.

WALTHAM FORCING. It is of the Comet type, the strain has been in this country for many years. Improvements have been made at Waltham, so now it is the most important variety for greenhouse use in Massachusetts. It is also fine for trellis on the outside. Pkt., 10c; ½ oz., 45c; oz., 85c.

RED PLUM. (Italian.) Pkt., 10c.

YELLOW PLUM. Pkt., 10c.

YELLOW HUSK, or STRAWBERRY. Pkt., 10c.



Early Purple Top Flat

Early Purple Top White Globe

Dependable Table Turnips

An ounce will sow 200 feet of drill. If sown in drills, one pound is required for an acre; if sown broadcast, less seed is sufficient if sown evenly.

Culture: For early, sow seed of flat varieties in open ground in spring in drills 1 foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession, sow every 2 weeks until June. For fall and winter, sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For rutabagas, sow seed in seed-bed in spring and transplant to good warm soil in rows at least 2 feet apart and 8 to 10 inches apart in the rows, or sow in open ground during June and early July. Take up roots just before winter, top and store in cool cellar, or pit outdoors.

EARLY WHITE MILAN. Roots flat, smooth and symmetrical, pure white. Top very small, upright, and compact, permitting close planting. The earliest and much the best of any extra early white variety. Pkt., 10c; oz., 20c.

EARLY PURPLE MILAN. Differs from the preceding in that the roots are not quite so thick and are purple on top. Pkt., 10c; oz., 20c.

EARLY PURPLE-TOP FLAT. A well-known variety and very extensively grown. Roots smooth, white, with the upper portion purplish red. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

WHITE EGG. More extensively grown than any other variety. White, egg-shaped, smooth and symmetrical, of medium size; flesh firm, sweet and mild. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

A Great Favorite Early Purple Top White Globe

One of the handsomest varieties, the upper portion of the root being a purplish red, the lower pure white. A rapid grower, attaining a marketable size sooner than other large globular varieties. Of the best quality and an excellent keeper.

Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

GOLDEN BALL, or ORANGE JELLY. Of globular form, medium size, skin rich orange; flesh pale amber, very fine-grained, mild and sweet. One of the most attractive, of the best quality and keeps well.

Pkt., 10c; oz., 20c; ¼ lb., 45c.

YELLOW GLOBE. The standard yellow variety. The form is round, slightly flattened. Largely grown for stock, and to some extent for market. An excellent keeper.

Pkt., 10c; oz., 20c; ¼ lb., 45c.

COW HORN, or LONG WHITE. Root long, slightly crooked and grows nearly half above ground. Clear white, except a little green at top. Though more largely used for feeding stock, it is a fine table variety, being tender and of mild flavor. Of very rapid growth.

Pkt., 10c; oz., 20c; ¼ lb., 45c.

Rutabaga or Swede Turnips

WHITE FRENCH, or ROCK. Also an old and popular sort. Roots a little longer than Sweet Russian, but does not otherwise differ. Valuable for table or feeding.

Pkt., 10c; oz., 25c; ¼ lb., 75c.

GOLDEN PURPLE TOP. The finest Purple Top. A beautifully shaped Turnip, very hardy, having excellent eating qualities.

Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.50.

LONG ISLAND IMPROVED. Grows much larger than other American varieties, is, therefore, desirable for stock, but equally desirable for the table and market, as it is tender and sweet and of very attractive appearance.

Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

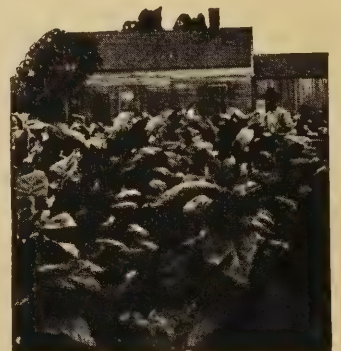
Successful Tobacco Seed

CONNECTICUT SEED LEAF. A hardy cigar variety, well adapted to growing in the Middle and Northern States.

Pkt., 10c; oz., 75c.

HAVANA. Leaf very thin, fine texture. Much used for cigar wrappers.

Pkt., 10c; oz., 75c.



Reference Table

GARDEN SEEDS

	Per Acre		Per Acre
Artichoke, 1 oz. to 500 plants	½ pound	Kohl-Rabi, 1 oz. to 200 ft. of drill	1½ pounds
Asparagus Seed, 1 oz. to 800 plants	4 pounds	Leek, 1 oz. to 200 feet of drill	4 "
Asparagus Roots	2500 to 7000	Lettuce, 1 oz. to 200 feet of drill	3 "
Beans, Dwarf, 1 pound to 100 ft. of drill ..	60 pounds	Melon, Musk, 1 oz. to 100 hills	2½ "
Beans, Pole, 1 pound to 100 hills	30 "	Melon, Water, 1 oz. to 25 hills	4 "
Beet, Garden, 1 oz. to 100 ft. of drill	6 to 8 "	Mustard, 1 oz. to 50 feet of drill	8 "
Beet, Sugar and Mangel, 1 oz. to 100 ft. of drill	5 "	Okra, 1 oz. to 50 feet of drill	8 "
Broccoli, 1 oz. to 3000 plants	4 ounces	Onion Seed, 1 oz. to 200 feet of drill	4 to 5 "
Brussels Sprouts, 1 oz. to 3000 plants	4 "	Onion Seed for sets	30 to 50 "
Cabbage, 1 oz. to 3000 plants	4 "	Onion Sets, 2 pounds to 50 feet of drill ..	250 "
Carrot, 1 oz. to 150 feet of drill	2½ pounds	Parsnips, 1 oz. to 200 feet of drill	4 "
Cauliflower, 1 oz. to 3000 plants	5 ounces	Parsley, 1 oz. to 200 feet of drill	4 "
Celery, 1 oz. to 10,000 plants	4 "	Peas, Garden, 1 pound to 100 feet of drill ..	100 "
Celeriac, 1 oz. to 10,000 plants	4 "	Pepper, 1 oz. to 1500 plants	4 ounces
Chervil, 1 oz. to 8000 plants	4 pounds	Potatoes	600 to 700 pounds
Chicory	4 pounds	Pumpkin, 1 oz. to 50 hills	3 "
Collards, 1 oz. to 5000 plants	12 "	Radish, 1 oz. to 100 feet of drill	8 to 10 "
Corn, Sweet, ¼ pound to 100 hills	12 "	Sage, 1 oz. to 100 feet of drill	5 "
Cress, 1 oz. to 150 feet of drill	2½ "	Salsify, 1 oz. to 60-foot row	8 "
Cucumber, 1 oz. to 50 hills	2 "	Spinach, 1 oz. to 100 feet of drill	12 "
Dandelion, 1 oz. to 200 feet of drill	2 "	Squash, Summer, 1 oz. to 25 hills	4 "
Dill, 1 oz. to 200 feet of drill	5 "	Squash, Winter, 1 oz. to 10 hills	2 "
Eggplant, 1 oz. to 2000 plants	4 ounces	Tomato, 1 oz. to 2500 plants	3 ounces
Endive, 1 oz. to 300 feet of drill	4½ pounds	Tobacco, 1 oz. to 5000 plants	4 pounds
Kale, 1 oz. to 300 plants	4 ounces	Turnip, 1 oz. to 200 feet of drill	1½ pounds
		Turnip, Rutabaga, 1 oz. to 150 feet of drill ..	1 "

GRAIN AND FORAGE CROPS

	Pounds per acre	Weight per bu.		Pounds per acre	Weight per bu.
Alfalfa	15-25	60	Millet, Japanese	15-25	35
Barley, for grain	100	48	Oats, for grain	50-60	32
Barley, for forage	140	48	Oats, for forage	100	32
Beans, Soy or Soja	60-75	60	Peas, Field, broadcast	150-160	60
Buckwheat	50-75	48	Peas, with Oats	90-100	60
Clover, Alsike	6-8	60	Rye, for grain	60-75	56
Clover, Crimson	18-20	60	Rye, for forage	80-100	56
Clover, Ladino	4	60	Rape, Dwarf Essex, in drills	4-6	50
Clover, Mammoth Red	10-12	60	Rape, Dwarf Essex, broadcast	8-10	50
Clover, Medium Red	10-12	60	Sudan Grass, in drills	4-6	40
Clover, White Sweet	20	60	Sudan Grass, broadcast	18-20	40
Corn, Dent, for silage	20-30	56	Vetch, Hairy, with one bushel small grain	30-40	60
Corn, Flint, for grain	15	56	Wheat	90-120	60
Millet, Golden	50	50			
Millet, Hungarian	50	48			

GRASS SEEDS

	Pounds per acre	Weight per bu.		Pounds per acre	Weight per bu.
Awnless Brome	18-25	14	Rye Grass, Italian or Common	25-30	22
Blue Grass, Canada	30-35	14	Red Top, Recleaned Seed, Worcester Brand	40-50	36
Blue Grass, Kentucky	20-25	14	Red Top, Unhulled Seed	70	14
Creeping Bent	50	14	Rhode Island Bent	20-40	14
Crested Dogstail	30	28	Rough Stalk Meadow	30-35	26
Fescue, Hard	30	16	Sweet Vernal, use only in mixture		
Fescue, Meadow	24	16	Tall Meadow Oat	45	12
Fescue, Red or Creeping	30	16	Timothy	12-25	45
Fescue, Sheep's	40	16	Lawn Seed Mixture, Shady Spot	100-125	20
Fescue, Various Leaved	20-25	15	Lawn Seed Mixture, Worcester Brand ..	100-125	25
Meadow Foxtail	30	8	Wood Meadow	25-30	19
Orchard Grass	20-25	14			
Rye Grass, English or Perennial	25-30	28			

NUMBER OF PLANTS, TREES, ETC., REQUIRED TO SET AN ACRE

Distance	Number	Distance	Number
1 ft. by 1 ft.	43,560	6 ft. by 6 ft.	1,210
1½ ft. by 1½ ft.	19,360	8 ft. by 8 ft.	680
2 ft. by 1 ft.	21,780	10 ft. by 10 ft.	434
2 ft. by 2 ft.	10,890	12 ft. by 18 ft.	302
2½ ft. by 2½ ft.	6,970	15 ft. by 15 ft.	194
3 ft. by 1 ft.	14,520	18 ft. by 18 ft.	134
3 ft. by 2 ft.	7,260	20 ft. by 20 ft.	103
3 ft. by 3 ft.	4,840	25 ft. by 25 ft.	70
4 ft. by 4 ft.	2,722	30 ft. by 30 ft.	40
5 ft. by 5 ft.	1,742	40 ft. by 40 ft.	27



Alyssum, Carpet of Snow



Ageratum, Midget Blue

Ross' Choice Annuals

Gardens That are Well Planted Will Have Flowers in Abundance This Year

Annuals are flowers that sprout from seed, all of which die within the limits of the garden year. Being inexpensive, they appeal to both home owner and renter. It is possible to enjoy at a low cost all of Nature's beauty in color and fragrance. The many varieties we offer in this book are carefully selected to supply the utmost in flower beauty and satisfaction.

Acroclinium

Everlasting Flower

An everlasting flower, which, when cut and dried, is very valuable for winter bouquets. 139 **Light Rose and Pure White. Mixed.**

Pkt., 10c; ¼ oz., 35c.

Agrostemma

Pretty, free-blooming plants of easy culture, especially desirable for dry situations. Excellent for cutting.

160 **Coeli-Rosa** (Rose of Heaven). Rose, with white center. Hardy annual. 1½ feet.

Pkt., 10c; ¼ oz., 25c.



Acroclinium

Adonis

145 **Aestivalis.** (Flos Adonis.) Red.

Pkt., 10c; ¼ oz., 60c.

Ageratum

Hardy Annual

Floss Flower

A plant of the greatest beauty and value for garden or window, unexcelled for border, rock garden or bedding.

148 **Mexicanum.** Blue. 1½ ft.

Pkt., 10c; ¼ oz., 30c.

149 **Mexicanum Album.** White. 1½ ft.

Pkt., 10c; ¼ oz., 30c.

150 **Fairy Pink.** Soft salmon-rose-pink.

Pkt., 10c.

151 **Little Dorrit.** Azure-blue. 8 inches.

Pkt., 10c; ¼ oz., 35c.

152 **Midget Blue.** A truly compact variety only 3 to 4 inches tall with dense spread. Azure-blue flowers.

Pkt., 10c; ½ oz., \$1.00.

153 **Little Blue Star.** A miniature variety with beautiful mauve flowers. 5 inches.

Pkt., 10c; ½ oz., 60c; ¼ oz., \$1.00.

154 **Blue Perfection.** Large heads of amethyst-blue flowers; 8 inches.

Pkt., 10c; ½ oz., 35c; ¼ oz., 60c.

155 **Dwarf Blue Cap.** Dwarf rich blue flowers. 4 inches.

Pkt., 10c; ½ oz., 60c; ¼ oz., \$1.00.

156 **Purple Perfection.** Extra dwarf. Deepest blue.

Pkt., 10c; ½ oz., 35c.

158 **Mixed Colors.** All varieties mixed.

Pkt., 10c; ¼ oz., 35c.

Alyssum

A well-known favorite, hardy annual, blooming profusely the entire season. Excellent for edging.

166 **Sweet Alyssum.** Fragrant, white. 10 inches.

Pkt., 10c; ¼ oz., 20c; ½ oz., 35c; oz., 60c.

167 **Little Gem.** Of spreading habit, forming compact masses of bloom often a foot or more in diameter. White, fragrant. 4 to 6 inches.

Pkt., 10c; ¼ oz., 30c; oz., 90c.

168 **Carpet of Snow.** Of very dwarf habit; white, fragrant. 2 to 3 inches.

Pkt., 10c; ¼ oz., 35c; ½ oz., 60c.

169 **Violet Queen.** A dwarf compact form, with bright violet flowers. Does not fade in hot weather. 4 inches.

Pkt., 10c; ½ oz., 35c.

171 **Little Dorrit.** Little bushes fairly smothered with miniature white flowers. A gem for edging and beds. 3 inches high.

Pkt., 10c; ¼ oz., 25c; oz., 75c.

Amaranthus

Brilliantly colored foliage, and bearing peculiarly formed flowers.

175 **Caudatus** (Love-Lies-Bleeding). Long, drooping flower, blood-red. half-hardy annual. 3 feet.

Pkt., 10c; ½ oz., 25c.

178 **Tricolor Splendens** (Joseph's Coat). Red, yellow, and green foliage.

Pkt., 10c; ½ oz., 25c.

Anchusa

184 **Blue Bird.** Compact plants, 20 to 24 inches high with clusters of vivid indigo-blue flowers. Excellent for cutting.

Pkt., 10c; ¼ oz., 35c; ½ oz., 60c.

185 **Capensis** (Cape Forget-Me-Not). Attractive annual with azure-blue flowers. 1½ feet.

Pkt., 10c; ¼ oz., 35c; ½ oz., 60c.

Antirrhinum

(Snapdragon)

Rust-proof. 75% or better Rust-proof.

One of the most beautiful and useful bedding plants, blooming profusely throughout the summer. Fine for cutting.

190D University of California De Luxe Mixture.

Pkt., 10c; 1/8 oz., 75c; 1/4 oz., \$1 25.

191 Maximum Rust Resistant. California Giants. Exquisite mixed.

Pkt., 10c; 1/8 oz., 75c.

191A Tetraploid Superfine Mixture

Pkt., 25c; 1/16 oz., 75c.

Snaps for Greenhouse Forcing

192 Afterglow. Golden bronze

Pkt., 25c.

192A Bertha Bauer. Lavender.

Pkt., 25c.

193 Ceylon Court. Yellow

Pkt., 25c.

194 Cheviot Maid. Supreme, early pink.

Pkt., 25c.

195 Rose Queen. Dark pink.

Pkt., 25c.

196 Lucky Strike. Pure white.

Pkt., 25c.

Snapdragons, Large Flowered Type

197 Tall Mixed.

Pkt., 10c; 1/8 oz., 50c.

198 Grandiflora. Giant varieties mixed.

Pkt., 10c; 1/8 oz., 50c.

199 Semi-Dwarf Varieties. Mixed colors.

Pkt., 10c; 1/8 oz., 65c.

199A Tom Thumb. Extra dwarf. Choice mixture.

Pkt., 10c; 1/8 oz., 70c.

Arctotis

210 Grandis (Blue-Eyed African Daisy). 3 ft. Pearly white with a gold band surrounding a mauve center. Foliage gray-green.

Pkt., 10c; 1/4 oz., 35c.

211 Hybrids. Showy Daisy-like flowers, red and orange shades.

Pkt., 10c; 1/8 oz., 75c.

Asparagus

216 Plumosus Nanus. Beautiful house plants. The feathery foliage is unrivaled for cutting.

Pkt., 15c.

217 Sprengeri. Excellent plants for table decorations.

Pkt., 15c.

Balsam

They are among the showiest and most popular of our summer garden annuals, forming bushy plants, covered with double flowers of brilliant colors.

225 Improved Camellia-Flowered. Mixed colors. Double flowers of the finest type and a wide range of beautiful colors. Pkt., 10c; 1/4 oz., 40c.

227 Double Dwarf Mixed. Showy little bushes about 8 inches high, with double and semi-double flowers.

Pkt., 10c; 1/4 oz., 25c.

228 Double Rose Flowered. Finest Mixed. Pkt., 10c; 1/8 oz., 25c.

230 Choice Mixed. Double flowers of many colors. Pkt. 10c; 1/4 oz., 25c.

Balloon Vine

235. A tender annual climber of rapid growth, bearing small white flowers, followed by curious inflated seed-vessels, somewhat resembling a balloon. 10 to 15 feet.

Pkt., 10c; 1/2 oz., 25c.

Bartonia Aurea

236. Showy, hardy annual, its golden yellow flowers being freely produced. It grows well in partial shade, but should not be crowded.

Pkt., 10c; 1/4 oz., 25c.

Beans

ORNAMENTAL VARIETIES

The Scarlet and White Runner Beans are popular as ornamental climbers. The former is largely grown. Fine for ornamental effects.

240 Scarlet Runner. Pkt., 10c.

241 White Runner. Pkt., 10c.

BLUE LACE FLOWER. See Didiscus.

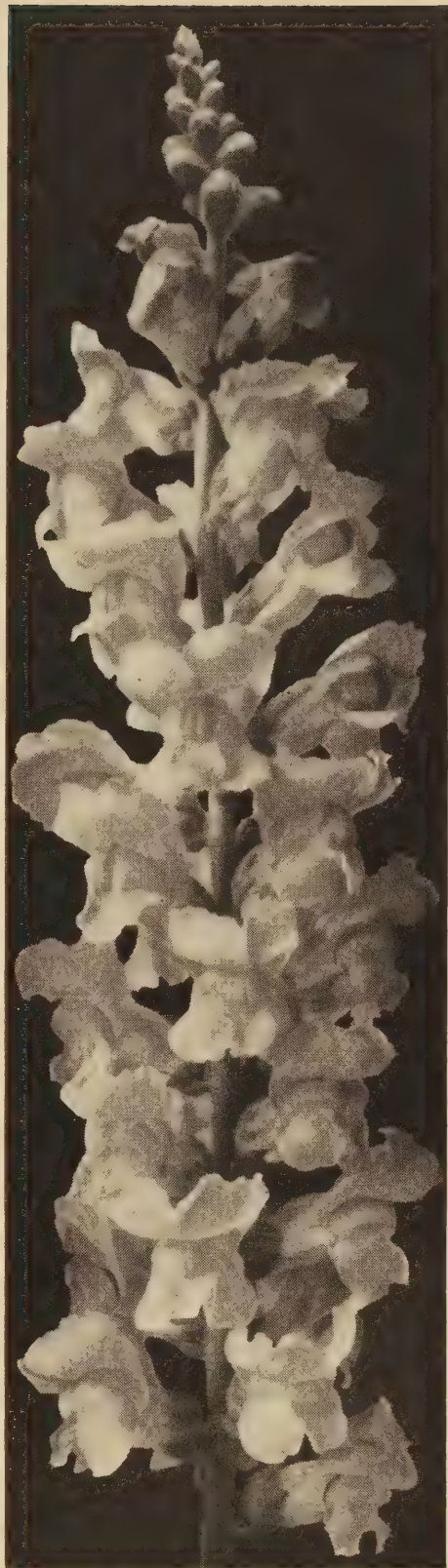
Brachycome (Swan River Daisy)

A free-flowering plant of dwarf, compact growth, bearing single blue or white flowers. Half-hardy annual. 1 ft.

250 Mixed Colors. Pkt., 10c; 1/8 oz., 25c.



Balsam



Rust-Proof Antirrhinum

Browallia

Free-blooming half-hardy annual. For beds, borders or pots. 1 1/2 ft.

251 Blue and White Mixed. Pkt., 10c.

Cactus

251A Rare Sorts Mixed. Pkt., 25c.



California Sunshine Aster

California Sunshine

An attractive Anemone-flowered variety particularly fine for cutting. 2½ feet.
24 Mixed Colors. Pkt., 10c; ⅛ oz., 40c; ¼ oz., 75c.

32 Heart of France

(WILT-RESISTANT)

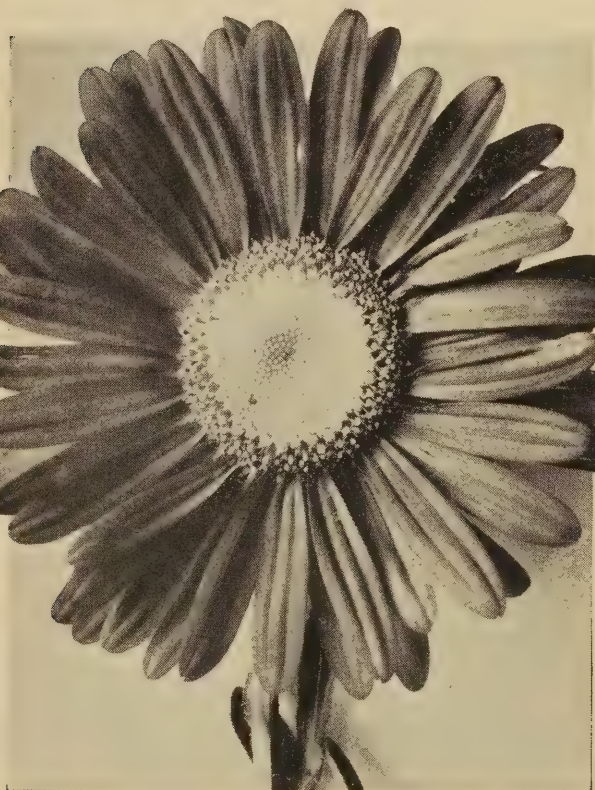
Rich dark red. Very double, of strong branching habit. 1½ to 2 feet. Midseason. Pkt., 10c; ⅛ oz., 40c; ¼ oz., 75c.

Single Chinensis

(WILT RESISTANT)

15 Rainbow Mixture. Pkt., 10c; ⅛ oz., 40c.

Pkt., 10c; ⅛ oz., 40c.



Single Chinensis



California Giant Double

Asters You Can

Asters are one of the finest cut flowers and very useful in the garden. Available in many shapes and colors; early, midseason and late varieties.

32A Lilliput-Flowered

The flowers are tiny and button-like in form, coming in profuse clusters on medium length stems. Pkt., 10c; ⅛ oz., 40c.

Ballet Type

34 Ballet Queen. Deep salmon-rose. First of a new type of Queen Asters with full centers, larger flowers, longer stems, and a very high wilt resistance. Pkt., 10c; ⅛ oz., 40c.

35 Ballet Type, Finest Mixed. Pkt., 10c; ⅛ oz., 40c.

Improved Crego or Tall Ostrich Feather

(WILT-RESISTANT)

Plants robust, branching, about 2½ ft. Flowers large, double and well formed; one of the finest varieties for all purposes.

35A Finest Mixed. Pkt., 10c; ⅛ oz., 40c; ¼ oz., 75c.

Queen of the Market

(WILT-RESISTANT)

A very early blooming strain, which, though plant is only 1¼ feet high, bears from 10 to 15 well-formed, medium-sized flowers on long stems. Much used by florists.

36 Purple

40 Flesh-Pink

37 White

41 Crimson

38 Rose

42 Mixed Colors

39 Light Blue

Each, pkt., 10c; ⅛ oz., 40c; ¼ oz., 75c.

Early Beauty

(WILT-RESISTANT)

Plants 2½ to 3 feet with long, heavy stems, bearing large, compact flowers. They bloom from late August until frost.

43 Azure Fairy. Azure-blue. **44A September Beauty.** Shell-pink.

43A Crimson

45 White

44 Purple

45A Finest Mixed

Pkt., 10c; ⅛ oz., 40c.

Grow Successfully

California Giant Double

A variety of Asters of the Improved Comet type, with strong stems. Petals curved and twisted. Plant grows 2 to 3 feet tall. Midseason.

- | | |
|---------------------|-----------------|
| 8 White. New; fine. | 11 Light Purple |
| 9 Peach Blossom | 12 Deep Rose |
| 10 Light Blue | 13 Dark Purple |
- Pkt., 10c; 1/16 oz., 30c; 1/8 oz., 50c; 1/4 oz., 90c.
 14 Mixture of above: Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c; 1/2 oz., \$1.40.

Early Royal

(WILT-RESISTANT)

Plants branching, 1 1/2 to 2 feet, blooming in mid-August directly following the Queen of the Markets.

- | | |
|------------------|-----------------|
| 46 Peach Blossom | 48 Lavender |
| 47 White | 48A Purple |
| 47A Deep Rose | 49 Mixed Colors |

Pkt., 10c; 1/8 oz., 40c.

Super Giant

The flowers are from 5 to 6 inches across; full, graceful, interesting petals. Plants are about 2 1/2 feet tall, with 6 to 8 long non-lateral stems per plant.

- | | |
|---|--------------------------|
| 50 Los Angeles. Shell-pink. | Pkt., 10c; 1/8 oz., 40c. |
| 51 El Monte. Crimson. | Pkt., 10c; 1/8 oz., 40c. |
| 52 Santa Maria. (New.) Largest and most fully double pure white Aster with long lacy petals curling from an interlacing powdery center. | Pkt., 10c; 1/8 oz., 75c. |
| 53 Super Giants Mixed. Wilt resistant. | Pkt., 10c; 1/8 oz., 40c. |

King or Needle Type

Branching, 2 1/2 ft.

- | | |
|-------------------------------------|--------------------------|
| 75 King Mixed. | Pkt., 10c; 1/8 oz., 40c. |
| 76 Ostrich Feathered. Finest mixed. | Pkt., 10c; 1/8 oz., 40c. |

Princess

(WILT-RESISTANT)

Plants 2 to 2 1/2 ft. tall, branching and free flowering, early blooming, bearing quantities of 3- to 3 1/2-inch flowers on strong stems. Flowers have a full deep crested center, surrounded by several rows of dainty plumelike guard petals.

- | |
|---|
| 70 Barbara. Orchid. |
| 71 Golden Sheaf. Yellow self. |
| 72 Linda. Rose. |
| 73 Marsha. Rich cinnabar-scarlet. Upright type. |
| 74 Finest Mixed |

Pkt., 10c; 1/8 oz., 40c.

Giant Branching Comet

(WILT-RESISTANT)

Plants upright, 2 ft., non-branching, feathery, double flowers. Blooms middle of August.

- | | |
|--|--------------------------|
| 82 Mixed Colors. Many colors and shades. | Pkt., 10c; 1/8 oz., 40c. |
|--|--------------------------|

American Branching

(WILT-RESISTANT)

A superior late-blooming strain of American origin. The flowers are of the largest size, borne on long, graceful stems often 15 or more inches in length, are exceedingly beautiful and unsurpassed for cutting. Blooms in early September. 2 1/2 feet.

- | | |
|----------------|-------------------------|
| 108 White | 111 Sensation. Scarlet. |
| 109 Pink | 112 Purple |
| 110 Azure-Blue | 116 Mixed Colors |

Each: Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.

Early Giant

(WILT-RESISTANT)

Flowers are of the largest Giants of California type. Plants are 1 1/2 feet high with strong heavy stems. Blooms in mid-August.

- | | |
|--|---------------------------|
| 118 Light Blue. A big, lacy light blue flower. | Pkt., 10c; 1/16 oz., 40c. |
| 119 Peach Blossom. Opens white, flushes lavender-pink. | Pkt., 10c; 1/16 oz., 40c. |
| 120 Rose Marie. Rich lively shade of rose. | Pkt., 10c; 1/16 oz., 40c. |

124 Worcester Mixture

Our own mixture of the leading choice varieties, includes every color and shade known among Asters.

Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 60c; oz., \$2.00.



Princess, Golden Sheaf

Peat Moss Breaks Heavy Soils and Holds Moisture

Use peat moss freely, it holds moisture, lightens the soil and assists the growth of most plants.

Standard bale (about 20 bushels), Market Price.



Super Giant, Los Angeles

NOTE: Please order by number as well as name.



Calendula, Yellow Colossal

Calendula

(*Pot Marigold*)

A very free-blooming hardy annual of easy culture. Flowers double, borne on stiff stems, and are cut to some extent, but the plant is more desirable for bedding. 1 to 1½ feet.

252 Campfire or Sensation. Improved strain. Dark orange with scarlet sheen. Pkt., 10c; ¼ oz., 30c; oz., \$1.00.

253 Chrysantha or Sunshine. Clear buttercup-yellow, petals incurved. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c.

253A Yellow Colossal. Extra large, lemon-yellow flowers. Pkt., 10c; ¼ oz., 35c.

254 Ball's Gold. Deep golden yellow, dark center, very large flowers. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

255 Ball's Masterpiece. Rich deep orange, dark center, long stems. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

255A Ball's Orange Improved. Brilliant orange, light center, petals slightly notched. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

256 Ball's White. Pkt., 10c; ½ oz., 25c.

257 Orange King. Extra select. Large dark orange, dark center. Pkt., 10c; ½ oz., 35c; oz., 60c.

258 Lemon Queen. Clear lemon-yellow. Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.

259 Mixed Varieties. Pkt., 10c; ½ oz., 35c; oz., 60c.

259A Sunset Shades Mixed. Pkt., 10c; ¼ oz., 30c.

Canterbury Bells

274A Finest Mixed. A new annual Canterbury Bell which blooms from seed in less than 6 months. Plants 2 to 2½ feet. Pkt., 10c; ½ oz., 35c.

Calliopsis

(*Annual Coreopsis*)

Showy Daisy-like flowers, ideal for cutting or for massing in a border.

260 Mixed Colors. 1½ to 2 feet. Pkt., 10c; ½ oz., 35c; oz., 60c.

261 Golden Crown (Drummond). Semi-double. Improved rich yellow, maroon center. Pkt., 10c; ¼ oz., 25c.

262 Golden Wave (Drummond). Golden yellow with small dark center. 1½ feet. Pkt., 10c; ¼ oz., 25c.

263 Ray of Gold. Yellow with purplish brown center. 6 to 8 inches. Pkt., 10c; ¼ oz., 25c.

Canary Creeper

(*Tropaeolum Canariense*)

275. A rapid-growing, half-hardy annual climber, bearing curiously formed yellow flowers. Blooms until frost. 10 to 15 feet. Pkt., 10c; ¼ oz., 30c.

Candytuft

Popular hardy annual, growing in any soil, requiring but little care, and by repeated sowings may be had in bloom all summer. 6 inches to 1 foot.

276 Rose Carmine. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.

277 Dark Crimson (Dunnett's). Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.

278 Empress. Large trusses; pure white. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.

279 Giant Hyacinth-Flowered. Heads of immense size, resembling the Hyacinth. White. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

280 Mixed Colors. Pkt., 10c; ¼ oz., 25c.

282 Dwarf Hybrids. Mixed colors. Of dwarf habit but flowers are large. Pkt., 10c.

283 Dwarf Empress (Little Prince.) Large flowered pure white. Pkt., 10c.

We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.



Candytuft, Giant Hyacinth-Flowered

Canna

The Crozy Cannas are well known for their dwarf growth and luxuriant foliage. The flowers are large and of most brilliant colors.

284 Crozy's Dwarf. Dark, large flowering varieties. Mixed. 3 to 4 feet. Pkt., 10c.

285 Giant Flowered New Hybrids. Mixed. Pkt., 10c.

CARDINAL CLIMBER. See Ipomoea, number 549.

CARDINAL FLOWER. See Lobelia, number 588, page 54.

Carnation

(*Dianthus Caryophyllus*)

287 Marguerite Giants. Double special mixture. Flower approaches in form, size, fragrance and beauty those grown by the florist. Pkt., 10c; ½ oz., 60c.

Cineraria Hybrida Grandiflora

294 Cremer's Prize Mixture. The plants are of compact growth, carrying extra large flower heads with flowerets of unusual size and substance. Pkt., 50c.

Castor Bean

(*Ricinus*)

Well-known tender annual, with palm-like leaves of glossy green, brown or bronze hue. 6 to 15 feet. **295 Borboniensis.** Large, showy foliage of purplish hue. 15 feet. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00.

296 Cambodgensis. Stalks and stems nearly black; leaves large, of a deep bronze-maroon. 6 feet. Pkt., 10c; ½ oz., 20c; oz., 35c.

297 Red Spire. Very showy. Pkt., 10c; ½ oz., 20c; oz., 35c.

298 Zanzibariensis. With gigantic leaves, ranging in color from light green to deep bronze. 10 to 15 feet. Mixed varieties. Pkt., 10c; ½ oz., 20c; oz., 35c.

299 Gibsoni. Large dark red leaves. 5 feet. Pkt., 10c; ½ oz., 20c; oz., 35c.

300 All Varieties Mixed.

Pkt., 10c; ½ oz., 15c; oz., 25c.



Dwarf-Feathered Celosia

Cockscomb (*Celosia cristata*)

Free blooming annuals of easy culture, producing large, brilliant, comblike heads. Excellent for borders, edgings or pots.

305 Glasgow Prize. Crimson; dark foliage. 9 inches. Pkt., 10c; ½ oz., 50c.

307 Mixed. Pkt., 10c; ½ oz., 25c.

309 Dwarf, Extra-Choice Mixed. Includes all the latest introductions and colors of the Cockscomb. Pkt., 10c; ½ oz., 35c.

Celosia Plumosa (*Lilliput*)

310 Lilliput Fire Feather. Glowing scarlet. Pkt., 10c.

311 Lilliput Golden Feather. Golden yellow. Pkt., 10c.

311A Lilliput Mixed. Pkt., 10c.

Feathered Celosia

(*Celosia plumosa*)

Often used for winter bouquets, and for this purpose should be cut before fully ripe and dried in the house.

312 Plumosa, Scarlet Plume. Pkt., 10c; 1/16 oz., 40c.

313 Thompsoni Magnifica. Large plumes, ranging from clear yellow to darkest red. Pkt., 10c; ½ oz., 35c.

314 Choice Mixed. Pkt., 10c; ¼ oz., 35c.



Castor Bean

Chinese Woolflower

(*Celosia Childsi*)

Large globular heads like balls of wool chenille. The plants, 2 to 3 feet in height, branch freely, each branch terminating with a flower-head. Blooms from early summer to frost.

329C Mixed Colors. Pkt., 10c; ½ oz., 35c.



Cineraria



Centaurea, Americana Lilac

Centaurea

To this family belong the well-known annuals, Bachelor's Button and Sweet Sultan, and also the plants known as Dusty Millers.

315 **Americana Lilac** (Basket Flower). The plant grows 3 feet tall and bears immense thistle-like blooms of rosy lavender color. Pkt., 10c; ¼ oz., 25c.

316 **Americana Alba** (Star Thistle). 3 feet. Large heads of double fluffy blooms, almost pure white. Pkt., 10c; ¼ oz., 25c.

318A **Jubilee Gem**. Dwarf compact plants, about 12 inches high, literally covered with dark but very vivid double blue flowers. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

Cyanus

317 **Double Black Boy**. Blackish maroon. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

318 **Double Blue Boy**. Rich deep blue. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

318A **Double Pinkie**. Deep pink. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

319 **Double Red Boy**. Deep red. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

319A **Double Snow Man**. Pure white. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

320 **Cyanus Double Mixed**. Pkt., 10c; ½ oz., 30c; oz., 50c.

Centaurea

(*Sweet Sultan*)

321 **Moschata** (Common Sweet Sultan). Mixed colors. Pkt., 10c; ¼ oz., 35c.

322 **Suaveolens** (Yellow Sweet Sultan). Pkt., 10c.

Imperialis

(*Royal Sweet Sultan*)

Improved type of Sweet Sultan. Both plants and flowers are larger than the common.

323 **Deep Lavender**. Pkt., 10c; ½ oz., 25c.

324 **White**. Pkt., 10c; ½ oz., 25c.

325 **Mixed Colors**. Pkt., 10c; ¼ oz., 35c.

White-Leaved Centaureas

(*Dusty Miller*)

Half-hardy perennials which are grown annually from their seed for their foliage only. Used with other foliage and flowering bedding plants.

326 **Candidissima**. Yellow, silvery foliage. 1 foot. Pkt., 10c; ⅛ oz., 60c.

327 **Gymnocarpa**. Lavender, silvery white foliage; of graceful, drooping habit. 1½ ft. Pkt., 10c; ¼ oz., 30c.

Chrysanthemum

Free-flowering plants of branching habit, grow freely from seed and are of easy culture, very desirable for cutting. Hardy annual. 1 to 1½ feet.

330 **Single** (Painted Daisies). Mixed colors. Lively bright colors. Pkt., 10c; ¼ oz., 20c; oz., 60c.

331 **Helios, Evening Star**. Covered with bright golden yellow single flowers. Pkt., 10c; ⅛ oz., 20c.

333 **Northern Star**. White, with yellow ring, dark eye. Pkt., 10c; ¼ oz., 20c.

Clarkia

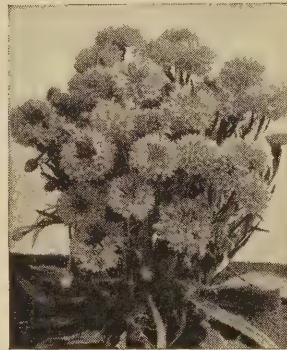
Beautiful hardy annual of easy culture. Blossoms are borne in profusion on long graceful sprays. Fine for cutting. 2 feet.

338 **Elegans Double Mixed**. Pkt., 10c; ⅛ oz., 25c.

Cleome—"Giant Spider Plant"

343 **Pink Queen**. A showy garden annual producing curious heads of flowers of clear soft pink color with long antenna-like stamens. 4 to 5 feet. Pkt., 10c; ⅛ oz., 40c.

342 **Helen Campbell**. (New.) Tall, vigorous. Pure white, light green stems. Pkt., 10c.



Centaurea, Jubilee Gem

Cobaea Scandens or Cathedral Bells

345. Rapid growing climbers with large purple bell-shaped flowers. 20 to 30 feet. Pkt., 10c; ⅛ oz., 30c.

Coix Lachryma

(*Job's Tears*)

347. An ornamental grass growing from 7 to 9 feet high. Large, broad leaves bearing large shiny seed. Pkt., 10c; ½ oz., 25c.



Cleome, Pink Queen

Coleus

Ornamental foliage plants, easily grown from seed
349 **RAINBOW MIXTURE**. Vigorous, brilliant, medium leaved mixture. Pkt., 10c; 1/16 oz., 75c.

350 **Hybridus, Small-Leaved**. Fine mixed. From a large collection; of greatly diverse shades and markings. Pkt., 10c; 1/16 oz., 75c.

351 **Hybridus, Extra Large-Leaved Varieties Rainbow Mixture**. Saved from new varieties with very large and richly variegated foliage. Pkt., 10c; 1/16 oz., 75c.

352 **Fringed Leaved Mixed**. Pkt., 25c.

Collinsia

A free flowering hardy annual with lovely blooms arranged in whorls on slender stems. Blooms from June to October. 1 foot.

353 **Mixed Colors**. Pkt., 10c; 1/4 oz., 25c.

Convolvulus Minor (Dwarf Morning Glory)

356 **Dwarf Royal Ensign**. A 6-inch tall, compact, ultramarine blue with golden throat. Pkt., 10c; 1/4 oz., 50c.

Burbank's Rainbow Corn

357. Annual, grows about 5 feet high. The foliage is striped with rose, purple, green and cream color.

Pkt., 10c; oz., 25c.

Giant Flowering Cosmos

Cosmos are among the finest annuals for table decoration. They are invaluable in the mixed border and for their long period of flowering.

359 **Klondyke, Orange Flare**. Early flowering, deep orange. Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 50c.

359A **Klondyke Semi-Double Orange Ruffles**. Vivid rich orange, butterfly-like double blooms. Pkt., 10c; 1/4 oz., 30c.

360 **Semi-Double Fiesta**. (New). Brilliant flowers, gold striped scarlet. An easy to grow, early, heat resistant, free flowering annual for gardens and cuttings. Pkt., 25c; 1/8 oz., 75c.

362 **Large Early Flowering**. The flowers are large and bloom early. Crimson, Rose and White mixed. Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 75c.

362A **Crimson** 362B **Pink** 362C **White**
Each, pkt., 10c; 1/4 oz., 30c.



Orange Flare Cosmos

SENSATION TYPE

The Sensation type of Cosmos grows 4 to 5 inches in diameter with broad fluted petals. Blooms 8 to 10 weeks after sowing. 3 to 4 feet.

363 **Dazzler**. Dazzling crimson. Pkt., 10c; 1/4 oz., 35c.

363A **Sensation Radiance**. Deep rose petals, overlaid with large, well-defined zone of rich crimson. Pkt., 15c; 1/8 oz., 40c; 1/4 oz., 75c.

364 **Sensation, Pinkie**. Clear rose-pink. Pkt., 10c; 1/4 oz., 40c.

364A **Sensation, Purity**. Pure white. Pkt., 10c; 1/4 oz., 40c.

364B **Sensation Finest Mixed**. Pkt., 10c; 1/4 oz., 35c; 1/2 oz., 60c.

Extra Early Double Crested Cosmos

The new annual crested type Cosmos is a distinct type, having double center, with a row of guard petals around the base.

365 **Crimson King**. Dark crimson.

365A **Pink Beauty**. Soft pink.

365B **White Queen**. Pure white.

365C **White, Pink and Crimson mixed**.

Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c; 1/2 oz., \$1.40; oz., \$2.50.

Cuphea

367 **Firefly** (Firecracker Plant). Semi-dwarf compact annual with a spread of about 12 inches. The miniature bushes are covered with deep rose scarlet blooms. Pkt., 10c.

Ross' Giant Cyclamen

Charming house plants, with beautiful foliage and rich colored, fragrant flowers.

369 **Giant-Flowered Extra Choice Mixed**. Pkt., 50c.

Cynoglossum (Chinese Forget-Me-Not)

369A **Amabile**. Early flowering annual producing large sprays of rich blue flowers; excellent for cutting. 24 inches. Pkt., 10c; 1/4 oz., 25c.

369B **Firmament**. Dwarf, bright, indigo-blue. 15 inches. Pkt., 10c; 1/8 oz., 25c.

Cypress Vine

A popular climbing vine, with fernlike foliage, bearing small, star-shaped, rose, scarlet, or white flowers. Half-hardy annual. 10 to 12 feet.

370 **Mixed Colors**. Pkt., 10c; 1/4 oz., 60c.



Coleus



Giant Imperial Delphiniums

Annual African Daisy

376 **African Golden** (*Dimorphotheca aurantiaca*). Beautiful showy annuals about 1 foot tall with gorgeous Daisy-like blooms during summer and fall. Flowers are excellent for cutting. Pkt., 10c; ½ oz., 40c.

379 **Selected Hybrids Mixed.** Pkt., 10c; ½ oz., 35c.

Datura

(*Trumpet Flower*)

Strong growing, ornamental annual shrubs. Flowers trumpet-shaped, large and fragrant.

383 **Double Finest Mixed.** Pkt., 10c.

Didiscus

420 **Coeruleus** (*Blue Lace Flower*). An attractive annual, blooming from July until frost. The flowers are pale lavender and are valuable for cutting.

Pkt., 10c; ½ oz., 25c.

Dolichos

(*Hyacinth Bean*)

A rapid growing hardy annual climber, bearing all summer, clusters of white or purplish blue flowers, followed by ornamental seed pods. 10 feet.

433 **Tall Mixed Colors.** White and purple. Pkt., 10c; ¼ oz., 20c.

Dracaena

(*Dragon Plant*)

424 **Indivisa.** Beautiful ornamental leaved plants; long, narrow, green foliage; indispensable for vases and house decoration. Pkt., 10c; ½ oz., 20c; ¼ oz., 35c.

Delphinium

(*Larkspur*)

Showy, hardy annuals bearing long spikes of lovely colored flowers. 3 to 4 feet.

385 **Dwarf Double Hyacinth-Flowered, Choice Mixed.** Pkt., 10c; ½ oz., 25c.

TALL DOUBLE STOCK FLOWERED

387 **Carmine** 389 **Light Blue**
388 **Dark Blue** 390 **White**
Pkt., 10c; ½ oz., 25c; ¼ oz., 40c; ½ oz., 75c.

391 **Tall Double Stock Flowered.** Mixed colors. A superior strain. 4 feet.

Pkt., 10c; ¼ oz., 25c; ½ oz., 40c; oz., 75c.

391A **Giant Imperial Lilac King.** Rich lilac, fully double, closely spaced florets. Pkt., 10c; ½ oz., 25c.

392 **Giant Imperial, Carmine King.** (New.) Deep carmine-rose. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c; ½ oz., 75c.

392A **Giant Imperial, Miss California.** Rich, deep pink on salmon ground. 4 ft.

Pkt., 10c; ½ oz., 25c; ¼ oz., 40c; ½ oz., 75c.

392B **Giant Imperial, Blue Bell.**

Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

392C **Giant Imperial, Blue Spire.** Very deep violet-blue. Pkt., 10c; ½ oz., 25c.

392D **Giant Imperial Finest Mixed.** Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

Dianthus

(*Pinks*)

Hardy biennials, blooming the first year from seed. Plant 6 inches apart. Height 1 foot.

398 **Laciniatus, Single Gaiety.** Large lacy flowers in a brilliant range of colors. Pkt., 10c; ½ oz., 35c.

399 **Heddewigi Double** (*D. Heddewigi fl.-pl.*). Japan Pinks. Very large, double flowers of a wide range of color. Pkt., 10c; ¼ oz., 35c.

400 **Single Mixed.** Large single flowers, varied colorings. Pkt., 10c; ¼ oz., 35c.

406 **Laciniatus Double Mixed Colors.** Pkt., 10c; ¼ oz., 40c.

408 **Laciniatus fl.-pl., Snowball.** Double pure white. Pkt., 10c; ½ oz., 35c.

415 **Worcester Mixed.** All the above and other choice strains. Unsurpassed. Pkt., 10c; ¼ oz., 30c; oz., \$1.00.

419 **Sweet Wivelsfield.** The growth is like Sweet William but the flowers are large and have a much wider range of colors. Pkt., 10c; ½ oz., 40c.



Dianthus, Sweet Wivelsfield



Godetia, Satin Flower

Eschscholtzia (*California Poppy*)

A very showy hardy annual, with finely cut, glaucous foliage, bearing Poppy-like flowers of bright colors. Of easy culture. Sow as early as soil can be worked, where plants are to remain, as they do not bear transplanting well. 1 foot.

- 439 **Californica**. Orange. Pkt., 10c; ½ oz., 35c.
- 442 **Mixed colors**. Pkt., 10c; ½ oz., 30c; oz., 50c.
- 443 **Ramona Hybrids**. Finest mixed. A new compact strain with flowers beautifully frilled and incurved, a bright mixture. Pkt., 10c; ½ oz., 35c; ¼ oz., 60c.

Euphorbia

Ornamental foliage plant; easily grown from seed. Striking and effective appearance. Hardy annual.

- 452 **Variegata** (Snow-on-the-Mountain). Foliage veined and margined with white. 2 feet. Pkt., 10c; ¼ oz., 25c.
- 453 **Heterophylla** (Fire-on-the-Mountain). A variety of Poinsettia which grows to a height of 2½ to 3 feet. About the middle of summer the top central leaves turn rich orange-scarlet. Pkt., 10c; ¼ oz., 35c.



Gilia

Four O'Clock

(*Marvel of Peru*)

A well-known favorite plant, bearing freely white, red and striped flowers, which open about four o'clock in the afternoon. 2 feet.

- 465 **Mixed Colors**. Pkt., 10c; ½ oz., 20c; oz., 35c.
- FOXGLOVE**. See Digitalis, page 52.

Gaillardia

(*Blanket Flower*)

ANNUAL VARIETIES

Very showy, free-blooming, hardy plants of easy culture. Seed germinate very slowly and should be sown in the house in March. Fine for cutting. 2 feet.

- 470 **Picta**. Single; mixed colors. Pkt., 10c.
- 471 **Picta**. Double; mixed colors. Pkt., 10c; ½ oz., 35c.

Geranium

Well known, half-hardy, greenhouse perennials. When sown in the fall or early winter will produce flowers in June, while sown in March, plants will not bloom until September, and sown in the open ground in May or June, plants will bloom in midwinter.

- 485 **Zonale** (Fish or Horseshoe Geranium). Saved from largest and finest varieties. Pkt., 15c.

Gerbera

(*Transvaal Daisy*)

- 485A **Giant Hybrids Mixed**. Pkt., 25c.

Gilia

Bushy plants, of erect habit with fine feathery foliage. May be used as everlasting, retaining their color when dried; fine for cutting.

- 487A **Capitata** (Thimble Flower). 2 feet. Rich lavender-blue flowers, 1 inch across. Pkt., 10c; ¼ oz., 25c.



Eschscholtzia (California Poppy)

Gomphrena

(*Globe Amaranth*)

- 488 **Mixed Colors**. A tender annual plant, bearing globe-shaped everlasting flowers, often used, when dried, in winter bouquets. 1½ feet. Pkt., 10c; ½ oz., 35c.

Gloxinia

Beautiful Greenhouse Perennial

Large bell-shaped flowers borne in clusters above velvety foliage.

- 489 **Giant-Flowered Finest Mixed**. A mixture of all classes unrivaled in richness of color. Pkt., 25c.

Godetia or Satin Flower
(**Annual**)

Showy garden annuals, they are of compact growth, about 1 foot high, bearing flowers 3 to 4 inches across.

- 490 **Tall Double Mixed Colors**. Includes all varieties and the latest introductions. Pkt., 10c; ¼ oz., 35c.

Gourds Are Popular

Ornamental, tender climbers. 10 to 20 feet.

- 493 **Large Calabash**. Pipe or Pequin Gourd. Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.
- 494 **Large Siphon or Dipper**. Duck Gourd. Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.
- 495 **Small Bottle**. (Miniature.) Pkt., 10c; ¼ oz., 30c.
- 496 **Turk's Cap or Turban**. Ornamental, brightly colored. Pkt., 10c; ¼ oz., 30c.
- 498 **Large Varieties Mixed**. Pkt., 10c; ½ oz., 30c.
- 500 **Mixed Varieties**. Small sorts. Pkt., 10c; ½ oz., 30c.

Gypsophila

(*Baby's Breath*)

Flowers very small, borne in loose, graceful panicles. Very largely used in bouquets with other cut flowers.

- 501 **Elegans Deep Rose**. H.A. Pkt., 10c; ½ oz., 25c.
- 503 **Repens** (Creeping Baby's Breath). Rose. Pkt., 10c.
- 503A **Repens**. White. Pkt., 10c.
- 505 **Elegans Grandiflora Alba**. Covent Garden Improved. Greatly improved strain, unusually large white flowers of fine substance. Excellent florist stock. Pkt., 10c; ½ oz., 25c; oz., 40c.

Grevillea

- 507 **Robusta** (Silk Oak). The graceful evergreen, fernlike foliage combines admirably with palms and other massive-leaved plants. Excellent for table decorations. Pkt., 10c

Helichrysum

(*Strawflower; Everlasting*)

One of the best everlasting flowers and an effective bedding plant. If flowers are desired for winter use, they should be cut just as the buds are opening. Hardy annual. 2 feet.

515 Double Mixed Colors (H. monstrosum fl.-pl.). Largest double flowers. Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c.

Heliotrope

A well-known favorite largely grown in pots, but thriving in the open border.

518 Mixed Colors. Dark varieties mixed. Pkt., 10c; 1/8 oz., 50c.

519 Large-Flowering. Mixed colors. Heads of flowers nearly double the size of the old sorts. Pkt., 10c; 1/8 oz., 50c.

Hollyhock

533 Indian Spring. (New Annual.) Blooms in less than five months after seed is sown and blooms continuously until frost. Bright rose and rosy carmine. Semi-double. 4 to 5 feet.

Pkt., 10c; 1/8 oz., 35c.

534 Semi-Double, Annual Finest Mixed. A new strain, blooming the first season from seed.

Pkt., 10c; 1/8 oz., 25c.

Humulus

(*Hop*)

Rapid-growing climbers with attractive foliage. The Japanese variety is a hardy annual, the best for quickly covering unsightly objects.

537 Japonicus (Japanese Hop).

Pkt., 10c; 1/4 oz., 25c.

538 Japonicus, Variegated Foliage.

Pkt., 10c; 1/4 oz., 30c.

Ice Plant (*Mesembryanthemum*)

546 Crystallinum. A trailing plant, with succulent stems and leaves. Excellent for hanging baskets and rock-work. Tender annual. 9 inches.

Pkt., 10c; 1/8 oz., 25c.

Hunnemannia

540 Fumariaefolia (Giant Tall Poppy or Bush Eschscholtzia). A yellow Poppy, pleasing both in the border and as a cut flower.

Pkt., 10c; 1/4 oz., 40c; 1/2 oz., 75c.

541 Sunlite. Gorgeous semi-double, clear canary-yellow blooms, with extra band of petals outside. Foliage is a light gray-green.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 50c.

Ipomoea

(*Morning Glory*)

Rapid-growing climbers of easiest culture; bloom earlier and more profusely on rather poor soils, but of higher growth and more attractive foliage when grown on rich soil. Tender annuals. 15 to 30 feet.

547 Crimson Rambler. Deep crimson, free flowering, rapid grower.

Pkt., 10c; 1/4 oz., 30c.

548 Pearly Gates. Large lustrous white flowers blending to cream in the throat, making a heavy cascade of flowers on fence, trellis, or garden wall.

Pkt., 15c; 1/4 oz., 35c.

549 Cardinal Climber (Ipomoea quamoclit hybrida). Leaves are dark green, fernlike and deeply lacinated; fiery cardinal-red flowers.

Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 90c.

550 Bona Nox (Evening Glory). Beautiful, large, violet-blue flowers; open at night. Rapid growth.

Pkt., 10c.

551 Blue Star. Light blue with dark blue ribs to form a star; very early.

Pkt., 10c; 1/4 oz., 35c.

551A Darling. Brilliant rose-cerise with pure white throat, large 4-inch flowers.

Pkt., 10c; 1/8 oz., 35c.

552 Rose Marie. Double early flowering, clear deep rose.

Pkt., 10c.

553 Heavenly Blue. Clark's Earliest. (Rubra coerulea). Deep sky-blue flowers, 4 to 5 inches across. Early flowering.

Pkt., 10c; 1/4 oz., 35c.

554 Scarlett O'Hara. Rich dark wine-red, freely produced on fast growing vines, which start blooming within 65 days after seed is sown.

Pkt., 10c; 1/4 oz., 40c.



Morning Glory, Scarlett O'Hara

Jerusalem Cherry (*Solanum*)

An ornamental and interesting genus of fruit-bearing plants; singularly bright in fruit and foliage. Popular for greenhouse or house decoration.

555 Solanum Capsicastrum. Covered with scarlet fruit during the winter. 1 1/2 feet.

Pkt., 10c; 1/8 oz., 40c.

Kochia

556 Childsi (Summer Cypress.) A very quick-growing annual. Through the summer this is bright green, but commences in early fall to gradually take on a red tinge, becoming entirely red before it dies. 2 1/2 feet.

Pkt., 10c; 1/4 oz., 20c.

Lantana

562 Hybrida Finest Mixed. Shrubby, with many clusters of dainty flowers in yellow, orange, red, and pink. 18 inches. All summer. Fine for potting.

Pkt., 10c; 1/8 oz., 35c.

Lavatera Trimestris

Beautiful and effective hardy annual, covered during the entire summer with pretty and showy blossoms.

576 Rose-Pink

577 White

Pkt., 10c; 1/8 oz., 25c.

Linaria

579 Northern Nights. (Baby Snapdragon.) Plants grow 15 in. high, bushy but erect and are best grown from broadcast seed. Bloom very quickly from seed when spring sown.

Pkt., 10c; 1/8 oz., 35c.

Linum

(*Crimson Flax*)

580 Grandiflorum Rubrum. The rich crimson flowers last only a day, but are borne continuously until frost. 15 to 18 inches.

Pkt., 10c; 1/4 oz., 25c.

Lobelia

Pretty little plants of easy culture, blooming profusely from June until frost. The dwarf varieties are useful for bedding and edging, the trailing variety is excellent for hanging baskets, vases and rock work. Half-hardy annuals.

585 Crystal Palace Compacta. Rich blue flowers, dark foliage.

Pkt., 10c; 1/8 oz., 50c.

586 Mrs. Clibran. Extra dwarf. Dark blue, large white eye.

Pkt., 10c; 1/16 oz., 40c.

587 Hybrida Pendula, Sapphire. Dark blue with white eye. Trailing.

Pkt., 10c; 1/8 oz., 50c.

Lunaria

(*Honesty*)

589 Biennis. Hardy biennial, but grown as annuals, admired for their silvery, papery seed pods, which are used for house ornaments. 3 feet.

Pkt., 10c; 1/8 oz., 25c.

Lupin

590 Annual Varieties, Mixed. Easily grown plants. Long, graceful spikes of pea-shaped flowers of various colors. 2 feet.

Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 50c.



Helichrysum (Strawflower)



Harmony

Marigolds

Favorite annual plant, blooming the entire summer; easily cultivated. The African varieties bear large yellow or orange flowers and the plants are usually tall. The French type is of dwarf habit and flowers are striped. Hardy annual, 1 to 3 feet.

596 Dwarf Gigantic (Gypsy Jewels). Sweet scented flowers 4 to 4½ inches in diameter on 12-to 15-inch plants. A wide range of brilliant shades.

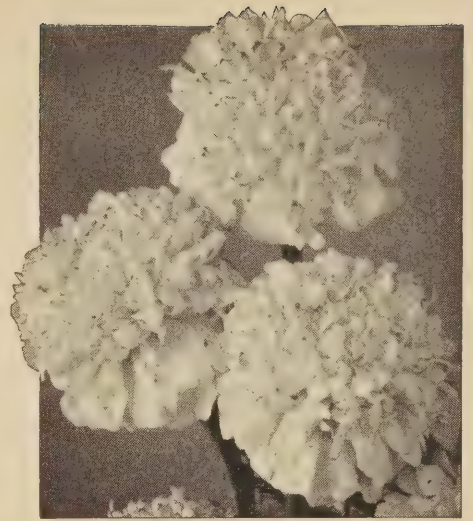
Pkt., 10c; ⅛ oz., 30c.

597 Dwarf Double Butterball. (Harmony Type.) Soft butter-yellow; crested centers, tubular petals, each carrying a touch of maroon at the tip.

Pkt., 10c; ⅛ oz., 35c.

598 Mission Giant Goldsmith. Rich golden orange flowers 4 to 5 inches in diameter. Height 18 inches.

Pkt., 10c; ⅛ oz., 35c.



Dwarf Double Butterball

599 Scarlet Glow. (Dwarf Double French.) Deep scarlet flowers turning to rich tangerine. Height 10 inches.

Pkt., 10c; ⅛ oz., 35c.

600 Yellow Supreme. 2 to 2½ feet. Tall, bearing loosely ruffled creamy lemon-yellow Carnation-flowered blossoms.

Pkt., 10c; ⅛ oz., 25c.

600A Real Gold. The finest Carnation-Flowered offered today in this color, and a fitting replacement for Guinea Gold. Largest in its class, bearing 4- to 5-inch light gold loose-petaled flowers of fine doubleness. Plant 18 to 20 inches high, extremely uniform.

Pkt., 10c; ⅛ oz., 35c.

601 Lemon "All Double."

Pkt., 10c; ⅛ oz., 35c.

601A Orange "All Double."

Pkt., 10c; ⅛ oz., 35c.

602 Gigantea, Sunset Giants. A remarkable new sweet scented, robust growing, extremely large flowered type; ideal for show purposes, florists, and garden decoration.

Pkt., 10c; ⅛ oz., 35c.

603 African Double Mixed. All shades of the African type.

Pkt., 10c; ¼ oz., 25c; ½ oz., 40c; oz., 75c.

604 Spanish Flag Finest Mixed. Blended mixture of only the modern dwarf single Marigolds in red, yellow and bi-color.

Pkt., 10c; ⅛ oz., 40c.

604A Red Head. (French Dwarf Single.) Mahogany to bronze 2-inch flowers crested gold; plants 14 to 16 inches.

Pkt., 10c; ⅛ oz., 40c.

604B Glitters. (Chrysanthemum Flowered). (New). Fluffy 3 in. incurved canary-yellow flowers. Early flowering. Bushy erect plants.

Pkt., 15c.

605 Harmony. Double Dwarf French. Dwarf compact plants, flowers golden yellow bordered maroon-red, scabious-shaped.

Pkt., 10c; ⅛ oz., 25c.

605A Naughty Marietta. French dwarf single. Yellow, 2-inch flowers with mahogany base. 12 inches tall.

Pkt., 10c; ⅛ oz., 35c.

605B Mammoth Mum. Flowers are light yellow, a very neat 3½- to 4-inch full crested Chrysanthemum-Flowered type. These flowers are borne on extremely long stems, making Mammoth Mum the most desirable florist's cutting Marigold offered today. Plants reach 2½ to 3 feet, bearing the flowers erect and above the foliage.

Pkt., 10c, ⅛ oz., 60c.

606 French Dwarf Double, Royal Scot. Uniformly dwarf, compact plants, fully double, rich mahogany-red and gold striped flowers.

Pkt., 10c; ⅛ oz., 25c.

607 French Double Mixed. Shades of yellow and brown. 2 feet.

Pkt., 10c; ¼ oz., 20c.

608 Lilliput Yellow Pygmy. Very dwarf bright yellow.

Pkt., 10c; ⅛ oz., 35c.

609 French Harmony Type, Spry. Extra dwarf double. Yellow bordered mahogany.

Pkt., 10c; ⅛ oz., 35c.

609A Happiness. (Dwarf Chrysanthemum Flowered). Extremely early for the African type, 18-in. plants covered with 3 in. bright golden yellow flowers.

Fkt., 15c; ⅛ oz., 50c.

609B Harmony Hybrids, Dwarf Double. Wide and varied range of striking color combinations, 1¼-inch flowers with crested center and flanking guard petals; early.

Pkt., 10c; ⅛ oz., 25c.

609C Flash. French Dwarf Single Tangerine and Marigold Red. Early. Flowers grow 1¾ inches and more across. The plant is 18 inches tall.

Pkt., 10c; ⅛ oz., 40c.

SCOTCH MARIGOLD. See Tagetes, page 48.

Matricaria (Feverfew)

611 Capensis Alba Plenissima. Double white, 24 inches. Very decorative in beds or borders, fine for cutting. Perennial, but may be treated as annuals.

Pkt., 10c; ⅛ oz., 35c.

612 Golden Ball. Dwarf double. Compact bushes 10 inches high covered with tiny Chrysanthemum-like golden yellow flowers.

Pkt., 10c; ⅛ oz., 50c.

Mignonette (Reseda Odorata)

A well-known and popular hardy annual, prized for its delightful fragrance. Seeds sown in autumn will bloom in early spring, and when sown the last of July will come into flower in a few weeks and continue until frost.

614 Bismarck. Large red flowers, very fragrant. 1 ft.

Pkt., 10c; ⅛ oz., 25c.

615 Odorata Grandiflora. Improved, large-flowered, Sweet Mignonette.

Pkt., 10c; ½ oz., 25c; oz., 40c.

618 Golden Goliath. Deep golden yellow.

Pkt., 10c; ¼ oz., 25c.

619 Machet Improved. Large thick spikes of reddish cast, of dwarf habit, dark foliage; best for pots.

Pkt., 10c; ¼ oz., 25c.

620 Machet White Pearl. Best white.

Pkt., 10c; ¼ oz., 25c; oz., 75c.

621 New York Market. Long-stemmed reddish spikes.

Pkt., 10c; ⅛ oz., 30c.

625 Mixed Varieties. The above and other varieties.

Pkt., 10c; ¼ oz., 20c; oz., 60c.

MORNING GLORY, DWARF. See Convolvulus minor.

Matthiola Bicornis

(Night-Scented Stock)

610. A hardy annual with rosy lavender flowers, giving forth a delightful fragrance—especially toward evening. 1 foot.

Pkt., 10c; ¼ oz., 30c.

Moonflower (Ipomoea)

635 Grandiflora Alba (Ipomoea noctiflora). Rapid-growing variety reaching height of 30 feet. Large white flowers open in evening and on cloudy days.

Pkt., 10c; ½ oz., 35c.

635B Giant Pink Moonflower. Color, soft lilac-pink. Vines are of rapid growth with large leaves. Blooms very profusely.

Fkt., 10c; ½ oz., 40c.

MUSK PLANT. See Mimulus.

MOURNING BRIDE. See Scabiosa.

Morning Glory

(Convolvulus Major)

A well-known vine of easiest culture. Hardy annual. 10 feet.

636 Mixed Colors.

Pkt., 10c; ½ oz., 30c; oz., 50c.

637 Imperialis Mixed Morning Glory. Larger than the common type, the range of colorings much greater. 8 feet.

Pkt., 10c; ½ oz., 25c; oz., 40c.

IPOMOEAE. See page 40.



Ross' Colorful Nasturtiums

No other annual plant combines in so great degree ease of culture, profusion of bloom and grace and beauty of flowers, as the Nasturtium.

Semi-Dwarf Nasturtium Double Sweet Scented

708 Gleam Hybrids. The Hybrids are a collection of gorgeously colored large, well-formed flowers of dazzling beauty. Pkt., 10c; oz., 25c.

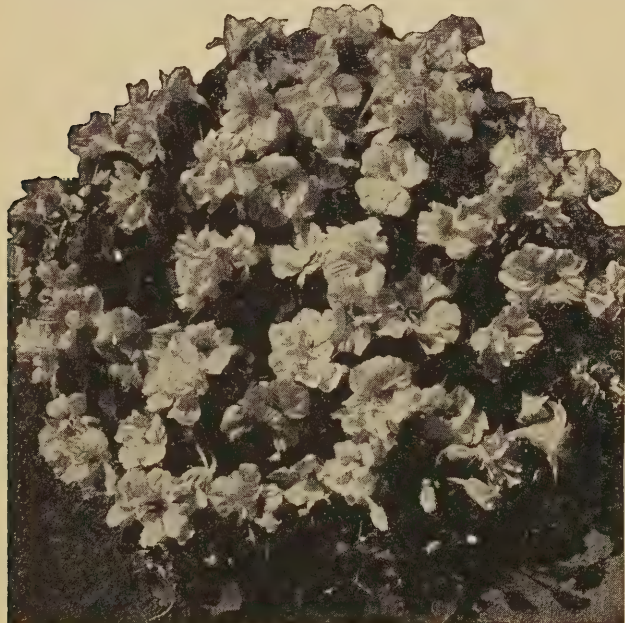
709 Scarlet Gleam. The flowers are a fiery orange-scarlet. The individual blooms are of immense size, almost 3 inches across, much larger than any Nasturtium ever known. Pkt., 10c; oz., 25c.

710 Golden Gleam. Large golden flowers average 2½ to 3 inches across. They are borne on erect, stiff stems 6 inches long. The flowers stand well above the foliage. Pkt., 10c; oz., 25c.

711 Moon Gleam. Light golden cream. Pkt., 10c; oz., 30c.

712 Orange Gleam. Golden orange. Pkt., 10c; oz., 30c.

714 Salmon Gleam. Golden salmon. Pkt., 10c; oz., 30c.



Dwarf Golden Nasturtiums

Tall Nasturtiums

(*Tropaeolum majus*)

672 Choice Mixed. Many varieties; a wide range of colors. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00.

673 Special Mixture. Including dark-leaved varieties. Pkt., 10c; ½ oz., 20c; oz., 30c.

Worcester Tall Mixed

705 Worcester Mixed Tall Nasturtiums. Our own mixture of many varieties; comprises selections from all classes, including the New Variegated-Leaved or Queen, and choice mixtures from different growers.

Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00.

Dwarf Semi-Double Nasturtium

Sweet Scented

716 Golden Globe. Golden yellow. Pkt., 10c; oz., 30c.

718 Mahogany Gem. Deep mahogany. Pkt., 10c; oz., 30c.

722 Ruby Gem. Bright ruby-red. Pkt., 10c; oz., 30c.

726 Scarlet Globe. Scarlet. Pkt., 10c; oz., 30c.

728 Dwarf Semi-Double Gem Mixture. Sweet scented. Dwarf compact gemlike plants, excellent color range.

Pkt., 10c; oz., 30c.

Dwarf, or Tom Thumb Nasturtium

The dwarf Nasturtium is not surpassed by any other annual plant for bedding, being of the easiest culture, thriving in nearly all soils and blooms profusely.

742 Finest Mixed. Dark leaved varieties. Pkt., 10c; ½ oz., 20c; oz., 30c.

744 Dwarf Double Art Shades. All pastel. Pkt., 10c; oz., 30c.

746 Choice Mixed. While not equal to the Worcester Mixed is of wide range of colors and will give pleasing results. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00.

Worcester Mixed Dwarf Nasturtium

747. Like the Worcester Tall Mixed, this is of our own preparation and cannot be surpassed in diversity of colors and types; includes all the named varieties of classes here described and other choice mixtures of noted growers.

Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00.

749 Variegated Leaved or Queen of Tom Thumbs, Mixed. Shades, light primrose, deep scarlet, crimson and deep orange more or less veined or spotted with other colors.

Pkt., 10c; oz., 30c.



PETUNIAS *Bloom All Summer*

An attractive and favorite hardy annual. Used for window boxes, beds or borders. They will grow in almost any kind of soil, even the poorest, blooming profusely from early summer until frost.

- 811A Blue Bee.** Deep blue.
Pkt., 10c; 1/8 oz., 50c.
- 812 Celestial Rose.** Deep rose, compact.
Pkt., 10c; 1/8 oz., 60c.
- 813 Radiance.** Cerise-rose.
Pkt., 10c; 1/8 oz., 50c.
- 814 Finest Mixed.** A superior mixture.
Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.
- 814A Silver Blue.** Reselected rich light blue.
Pkt., 10c; 1/8 oz., 50c.
- 815 Nana Compacta.** Dwarf compact choice mixture. Pkt., 10c; 1/8 oz., 60c.
- 815A Grandiflora Single Fringed, Theodosia.** Largest fringed rose, gold throat.
Pkt., 25c.
- 815B English Violet.** Rich purple-violet.
Pkt., 10c; 1/8 oz., 60c.
- 815C Fire Chief.** Brilliant scarlet-red. Plants dwarf and compact with long blooming season.
Pkt., 25c.
- 816 Howard's Star.** Rich shade of maroon, with five-pointed star of white. Very pretty. Pkt., 10c; 1/8 oz., 50c.
- 816A Grandiflora Single Fringed, Dainty Lady.** Delicate yellow. Pkt., 25c.
- 816B Little Giants Mixed.** Ruffled Nana Compacta. Medium sized ruffled flowers, plants ball shaped. 12 inches. Pkt., 15c.
- 817 Fancy Blotched and Striped, Mixed Colors.** Beautiful marked flowers, carried well above the foliage, of extra dwarf, compact habit.
Pkt., 10c; 1/8 oz., 50c.
- 817A Rose of Heaven.** Brilliant rose, dwarf.
Pkt., 10c; 1/8 oz., 60c.
- 818 Rosy Morn.** Extra select. A single flower, soft carmine-pink. A profuse bloomer.
Pkt., 10c; 1/8 oz., 60c; 1/4 oz., \$1.00.
- 818A Large Flowering Single Fringed, White Beauty.** Pkt., 25c.
- 819 Setting Sun.** Dwarf rose, very free-flowering.
Pkt., 25c.
- 820 Dwarf Elk's Pride.** Largest and darkest velvety purple.
Pkt., 25c.
- 820A Flaming Velvet.** Deep velvety blood-red, about 15 inches in height and the flowers are large and borne in great profusion.
Pkt., 10c; 1/8 oz., 60c.
- 820B Fluffy Ruffles.** A mixture of light shades, veined and bicolor combinations. All flowers are finely fringed and so heavily ruffled that they appear double. Pkt., 25c.
- 820C Snow Queen.** Large flowers, white.
Pkt., 10c; 1/8 oz., 50c.
- 820D Topaz Rose.** A fiery velvety rose slightly suffused with gold. The throat is the color of topaz. Pkt., 10c; 1/8 oz., 60c.

- 821 Miniature Mixed.**
Pkt., 10c; 1/16 oz., 40c.
- 823 Super Dwarf Giants of California, Dark and Light Shades Mixed.** A new strain of Dwarf Giants bred expressly for pot plant work. Pkt., 50c.
- 824 Dwarf Giants of California.** A superb strain. Flowers are of remarkable substance, enormous size and many are beautifully fringed.
Pkt., 25c; 1/16 oz., \$4.00.
- 825 Double, Large-Flowered, Choice Mixed.** An excellent mixture comprising a large variety of colors, with a good percentage of double flowers.
Pkt., 50c.
- 826 Balcony, Deep Blue.** Dwarf type for porch or window boxes.
Pkt., 10c; 1/16 oz., 40c.
- 827 Balcony Rose.**
Pkt., 10c; 1/16 oz., 40c.
- 828 Balcony White.**
Pkt., 10c; 1/16 oz., 40c.
- 829 Balcony, Star of California.** Deep velvety violet, shaded crimson, with white star. Pkt., 10c; 1/16 oz., 40c.

- 829A Balcony Mixed Colors.**
Pkt., 10c; 1/16 oz., 35c.

All Double Petunias

Acknowledged by countless testimonials to be 100 per cent double. Flowers frequently exceed 5 inches in diameter and are exquisitely ruffled and fringed in a vast range of brilliant intermediate colors.

- 822 Victorious Dwarf Mixed.**
Pkt., \$1.00.



Petunia, Elk's Pride

Nemesia

Long blooming annual with large flowers, varying from creamy white to deep orange and carmine. Most useful for bedding. 1½ feet.

756 **Strumosa Suttoni.** Pkt., 10c.

Nemophila

(Baby Blue Eyes)

An attractive hardy annual, bearing cup-shaped flowers about an inch in diameter usually in shades of blue and white, often spotted with brown.

757 **Insignis Blue.** Pkt., 10c; ¼ oz., 25c.

Nicandra

757B **Physaloides.** (Shoo Fly Plant). Pale blue. Pkt., 10c.

Nicotiana

(Flowering Tobacco)

Handsome, effective, half hardy annuals, blooming profusely the entire season and thriving in all soils.

758 **Affinis.** White, starlike flowers, deliciously fragrant, expand fully in the evening. 2 to 3 feet.

Pkt., 10c; ⅛ oz., 35c.

759 **Sanderae, Crimson King.** Remarkably profuse in bloom. Unlike the *Affinis*, is in full bloom during the day. 3 to 3½ ft.

Pkt., 10c; ⅛ oz., 35c.

760 **Sanderae Hybrids.** New hybrids, comprising several distinct colors or shades.

Pkt., 10c; ⅛ oz., 25c.

Nierembergia

(Dwarf Cup Flower)

760B **Hippomanica.** Lavender-blue flowers on dwarf compact plants, 4 to 6 inches high with a spread of 8 to 10 inches. Half-hardy perennial which will winter over if given some protection.

Pkt., 25c.

Nigella (Love-in-a-Mist; Lady-in-Green; Devil-in-a-Bush)

The blue or white flowers are half hidden in the abundant finely cut foliage, hence its common names. 1 to 1½ feet.

761 **Double Mixed.** Pkt., 10c; ¼ oz., 35c.

Phlox Drummondii

Phlox is one of the easiest and most satisfactory of all the summer-flowering annuals, even in poor or stony soil. Sow seed early in spring in a sunny location.

830 **Mixed Colors.** Pkt., 10c; ⅛ oz., 60c.

831 **Large Flowering.** Extra choice. Mixed colors. Our own mixture of the choicest and best strains from different growers.

Pkt., 10c; ⅛ oz., 60c.

832 **Cecily Mixed.** Large flowered, extra dwarf mixed.

Pkt. 10c; ⅛ oz., 75c.

833 **Isabellina.** Pure yellow.

Pkt., 10c; ⅛ oz., 60c.

841 **Dwarf (P. Drummondii nana compacta).** 6 to 8 inches high. Mixed colors.

Pkt., 10c; ⅛ oz., 75c.

842 **Gigantea, Art Shades.** A giant-flowered strain in soft pastel shades with large white eye. 8 to 10 inches high.

Pkt., 10c; ⅛ oz., 75c.

842A **Gigantea, Salmon Glory.** Pure salmon-pink with creamy white eye.

Pkt., 10c; ⅛ oz., 75c.

843 **Star or Fringed (P. Drummondii cuspidata).** Mixed colors.

Pkt., 10c; ⅛ oz., 60c.

Poppy

Well-known hardy plants of quick growth, blooming profusely for a considerable time.

SINGLE ANNUAL POPPIES

862 **Tulip Poppy (Glaucum).** Large tulip-shaped flowers, deep scarlet.

Pkt., 10c; ¼ oz., 25c.

870 **Shirley.** Single mixed. A lovely strain, delicate and rich shades.

Pkt., 10c; ¼ oz., 20c.

871 **Single Shirley, American Legion.** Brilliant scarlet, white maltese cross.

Pkt., 10c; ¼ oz., 25c.

DOUBLE ANNUAL POPPIES

880 **Double Begonia-Flowered, Dazzler.** Orange-scarlet.

Pkt., 10c; ¼ oz., 25c.

884 **Double Shirley, Sweet Briar.** Deep rose-pink.

Pkt., 10c; ¼ oz., 30c.

885 **Shirley.** Double mixed.

Pkt., 10c; ¼ oz., 25c.

888 **Worcester Mixed.** Our own mixture of single and double annual varieties. All types and colors.

Pkt., 10c; ¼ oz., 25c; oz., 75c.

CALIFORNIA POPPY. See *Eschscholtzia*

Primula

(Primrose)

PRIMULA CHINENSIS

(Chinese Primrose)

A beautiful winter-blossom greenhouse perennial blooming from December to spring.

900 **Choicest Mixed.** Comprises the finest fringed varieties.

Pkt., 25c.

902 **Giant Munstead.** Light shades.

Pkt., 25c.

Portulaca

Well-known tender annuals, blooming profusely all summer. Thrive in most soils and locations, but succeed best in a light, sandy soil and sunny spot, enduring any amount of dry weather.

894 **Double Choice Mixed.** Usually from 50 to 60% of the flowers will come double.

Pkt., 10c; ⅛ oz., 75c; ¼ oz., \$1.25; ½ oz., \$2.25; oz., \$4.00.

895 **Single Jewel.** Deep carmine, extremely large.

Pkt., 10c; ⅛ oz., 75c.

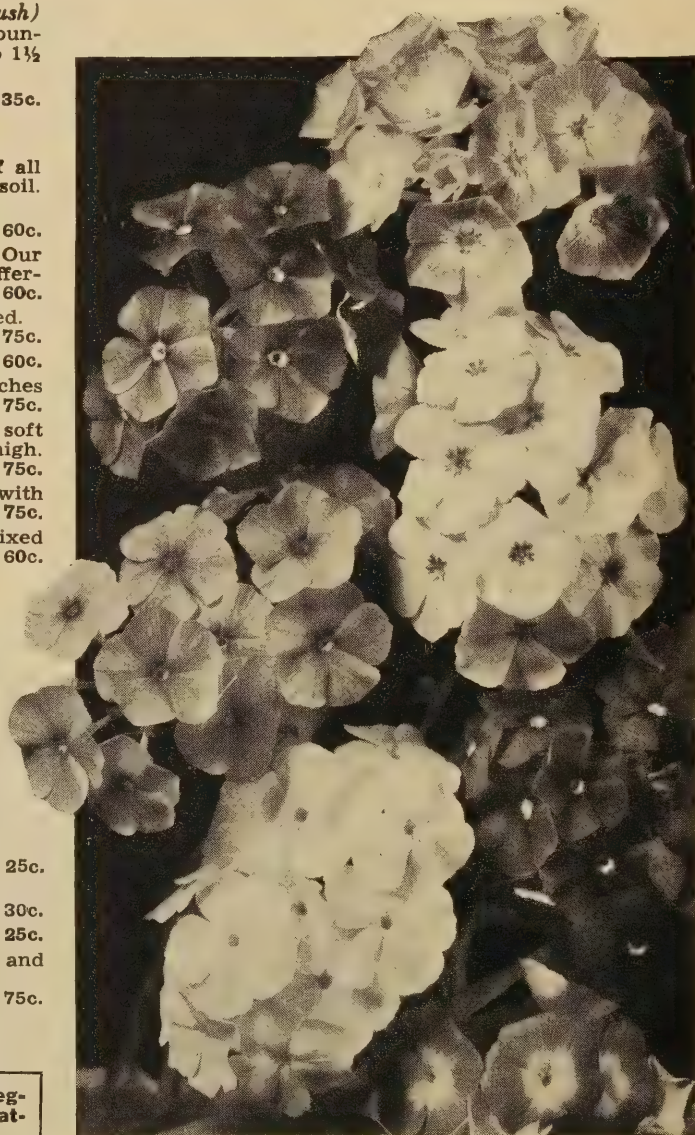
899 **Single Mixed.** Pkt., 10c; ⅛ oz., 40c; ¼ oz., 75c.

Rhodanthe

One of the finest everlasting flowers and an excellent plant for garden decoration. If flowers are gathered before they are fully expanded and dried in the shade they will retain their color for years.

920 **Mixed Colors.** All shades of pink, rose, crimson and white.

Pkt., 10c.



Phlox Drummondii

We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.

Rudbeckia

(Coneflower)

To this family belong the favorite plants Golden Glow and Black-Eyed Susan.

923 **Hirta Hybrids.** Dark bronze to yellow. Pkt., 10c.

924 **My Joy.** Giant Black-Eyed Susan. Large orange-yellow flowers, dark cone. Pkt., 10c; 1/8 oz., 35c.

Salpiglossis

(Velvet Flower; Painted Tongue)

Graceful, half-hardy annual, blooming from August to October. Seed may be sown in the house the last of March or in the open ground in May. Two feet.

928 **Grandiflora.** Choicest mixed. Extra large flowered strain. Pkt., 10c; 1/8 oz., 30c.

929 **Emperor.** Mixed colors. New type with one thick leading stem, flowers large and distinct in their beautiful veinings of gold. Pkt., 10c; 1/8 oz., 30c.

Salvia

(Scarlet Sage)

A mass of bloom from late summer until killed by frost; tender perennial, treated as an annual. Seed should be sown early indoors, or in hotbed and the plants set out when the weather has become warm.

934 **America, or Globe of Fire.** Semi-dwarf, rounded. Scarlet flowers. 16 inches. Pkt., 10c; 1/8 oz., 90c.

935 **Splendens Grandiflora.** The well-known Scarlet Sage. 2 feet. Pkt., 10c; 1/8 oz., 75c.

936 **Bonfire** (Clara Bedman). Compact, bushy growth. Blooms earlier and more profusely. Intense scarlet. 2 feet. Pkt., 10c; 1/8 oz., 90c.

937 **Farinacea, Blue Bedder.** Compact deep blue. 3 feet. Pkt., 10c; 1/8 oz., 80c.

938 **Zurich.** Dwarf, compact, brilliant scarlet flowers blooming in July. 12 inches. Pkt., 10c; 1/8 oz., 90c.

Sanvitalia

940. Double; fine for bedding, borders or rockeries. The flowers are bright yellow. Pkt., 10c; 1/8 oz., 25c.

Scabiosa

(Mourning Bride)

The flowers are large and double, with a great variety of colors. Of easy culture and blooms freely from July until hard frost. Hardy annual. 2 1/2 feet.

941 **Imperial Giants, Blue Moon.** Extremely large, well-formed flowers with fully double, broad frilly petals, rounded beehive shape. Pkt., 10c; 1/4 oz., 40c.

941A **Heavenly Blue.** About 18 inches tall, free-flowering, with fully double 1 1/2-inch flowers. Very early, azure-blue, distinct. Pkt., 10c.

942 **King of the Blacks.** Large flowered, tall double, reddish black. Pkt., 10c; 1/4 oz., 35c.

943 **Rosette.** Large-flowered, tall, double. Deep rose. heavily suffused with salmon. Pkt., 10c; 1/4 oz., 35c.

944 **Shasta.** Large flowered, tall double. Pure white, very large. Pkt., 10c; 1/4 oz., 35c.

945 **Large-Flowered.** Mixed colors. Fine, large double flowers in a wide range of colors. Pkt., 10c; 1/4 oz., 30c.

SCARLET RUNNER. See Beans—Ornamental Varieties.

Schizanthus

(Butterfly, or Fringe Flower)

Showy half-hardy annuals, very decorative for garden beds and unsurpassed in pots for the conservatory.

948 **Grandiflorus Hybrids.** Very fine varieties. Pkt., 10c; 1/8 oz., 60c.

949 **Wisetonensis.** Containing the most beautiful shades of white, pink, rose and crimson. Excellent for pot culture. Pkt., 10c; 1/8 oz., 50c.

Sensitive Plant

(Mimosa Pudica)

950 **Pudica.** Globular heads of small pink flowers. Tender annual. 1 1/2 feet. Pkt., 10c.

SNAPDRAGON. See Antirrhinum.

SOLANUM CAPSICASTRUM. See Jerusalem Cherry.



Large Flowered Scabiosa, Mixed Colors

Smilax

955. A climbing plant, unsurpassed for its graceful foliage and orange blossom fragrance of its flowers. Pkt., 10c.

Statice

Beautiful everlasting with spreading panicles of tube-like flowers that are decorative either in the garden or when cut.

956 **Suworowi Pink.** Pkt., 10c; 1/8 oz., 30c.

956A **Sinuata Blue.** Pkt., 10c; 1/4 oz., 25c.

956B **Sinuata Yellow** (Bonduelli) Pkt., 10c; 1/4 oz., 25c.

956C **Sinuata White.** Pkt., 10c; 1/4 oz., 25c.

956D **Sinuata, Choice Mixed.** Pkt., 10c; 1/4 oz., 25c.

Sweet William

1310 **Annual Finest Mixed.** Pkt., 10c; 1/8 oz., 25c.

Stock

(Gilliflower)

One of the most popular annuals, remarkable for its profusion of bloom, brilliancy and diversity of colors and lasting quality of its flowers.

957 **Beauty of Nice.** Mammoth flowering. Delicate flesh-pink, extra large spike. Pkt., 10c; 1/8 oz., 50c.

958 **Mont Blanc.** Purest white. Pkt., 10c; 1/16 oz., 25c.

959 **Monte Carlo.** Canary-yellow. Pkt., 10c; 1/16 oz., 25c.

961 **Summer Night.** Rich deep blue. Pkt., 10c; 1/16 oz., 25c.

Perpetual Branching (Giant Perfection)

(Cut-and-Come-Again)

A perpetual blooming class of branching habit; double fragrant flowers. 2 feet.

967 **Choicest Mixed.** Pkt., 10c; 1/16 oz., 25c; 1/8 oz., 40c.

971 **Large-Flowered Double Ten Weeks Mixed.** Seeds grown in the open ground instead of in pots, therefore cheaper. A good range of colors. 1 1/2 feet. Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c.

972 **Double Early Giant Imperial Mixed.** (Imp. Bismarck.) Pkt., 10c; 1/8 oz., 40c.

DOUBLE GIANT COLUMN

Immense fully double close-spaced flowers, one 2-ft. to 2 1/2-ft. spike per plant. This is a strictly non-branching strain.

972A **Mixed Colors.** Pkt., 25c.

Exquisite Sweet Peas

of Unequaled
Beauty and Fragrance

Spring Flowering Cuthbertson Sweet Peas

A new type of Sweet Peas characterized by its excellent heat resistance. Comes into bloom midway between Early and Late Spencers, and continues much longer, even in hot weather. Flowers are plainer than the Spencer type, but large and with good stems.

Frank G. Clear lavender.
Evelyn. Salmon-cream-pink.
Janet. White, black seeded.
Kenneth. Crimson.

Lois. Clear rose-pink.
Tommy. Clear marine-blue.
Finest Mixed

Each of the above: Pkt., 10c; ½ oz., 30c; oz., 50c.



Spencer Sweet Peas, Prince of Orange

LEADING SPENCER VARIETIES

All uniform price except where noted.
Pkt., 10c; ½ oz., 25c; oz., 40c;
¼ lb., \$1.25, postpaid.

Multi-Color Shades

Station Master. Salmon-pink, flushed rosy cerise.

Sunkist. Cream with picotee edge of rose.

Youth. White, edged rose-pink.

Blue Shades

The Admiral. Dark violet-blue.

Capri. Clear silver-blue, long stems, vigorous grower.

Flagship. Deep navy-blue.

Cream and Primrose Shades

Ruffled Primrose.

Mary Pickford. Dainty cream-pink-salmon.

What Joy. Deep rich cream.

Salmon and Orange Shades

Debutante. Salmon shaded coral.

Prince of Orange. Deep rich orange

Gold Crest. Orange, overlaid with a salmon sheen.

Crimson-Scarlet Shades

Crimson King. Rich, deep crimson.

Mollie. Cerise, with touch of orange.

Red Boy. Pure rich crimson, long stems, vigorous.

Rubicund. Dazzling crimson-scarlet, extra long stems.

Ruffled Crimson. Rich velvety crimson.

Lavender and Purple Shades

Ambition. Rosy lavender, extra long stems.

Austin Frederick Improved. A large rosy lavender.

Highlander. Large-flowered clear lavender.

Royal Purple. A rich purple.

Maroon and Chocolate Shades

Loch Lomond. Mahogany.

Black Diamond. Dark maroon.

Pink Shades

Bonnie Briar. Large, rose-pink.

Fluffy Ruffles. Light cream-pink.

Miss California. Salmon-pink.

Pinkie. Large, rose-pink.

Floradale. Rich salmon-pink on cream ground.

Melody. Golden salmon-pink on cream ground.

White Shades

Gigantic. Large pure white. Long stemmed.

Bridal Veil. Pure white, black seeded.

King White. Large pure white. White seeded.

Ruffled White. Pure white seeded, long stems.

Snow White. A solid paper-white throwing immense flowers.



Shirley Temple

Early Flowering SWEET PEAS

American Beauty. Rich crimson-rose on white ground.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Ball's Orange. Rich orange.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Ball's Rose Imp. Rich deep rose, suffused with salmon-pink.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Boy Blue. Large dark blue.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Bridesmaid. Deep silvery pink on white ground.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Coquette. Coral-pink shaded amber and salmon.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Giant Rose. Extremely large rose-pink.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Harmony. Beautiful clear lavender.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Helen Hayes. Golden scarlet. Flowers large and frilled.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Jeanne Mamitsch. Bright rich pink.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Laddie Imp. Giant rose-pink, long stems.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Memory. Clear rosy lavender, large wavy flowers.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Mrs. Herbert Hoover. Clear deep blue. "California Blue."

Pkt., 10c; ½ oz., 30c; oz., 50c.

Shirley Temple. Large, soft pink, frilled. Long stems.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Snow Queen. (New.) Pure white, black seeded, opens and retains pure white color.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Snowstorm Imp. Large pure white seeded.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Vulcan. The most vivid scarlet. Sun-proof.

Pkt., 10c; ½ oz., 30c; oz., 50c.

Mixed Colors

Pkt., 10c; ½ oz., 25c; oz., 40c.

No. 1295

Rainbow Assortment of Our Best Mixed Sweet Peas

SPENCER VARIETIES

The varieties consist of Giant and Orchid-Flowered, both Spencer Unwin types and many other unnamed Spencers.

Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

No. 1296

Blue Ribbon Assortment of Choice Mixed Spencer Sweet Peas

Containing the new Orchid-Flowering and Eckford's Large-Flowering Hybrids in great variety with other older types of known popularity.

Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.



Sunflower

(*Helianthus*)

The Sunflower grows well in all soils if fully exposed to the sun. The taller varieties make excellent background to other plants.

- 975 **Cucumerifolius.** (Miniature Sunflower.) Small single flower, rich yellow. 4 feet. Pkt., 10c; ½ oz., 35c.
 976 **Sun Gold.** (Globe shaped.) Flower large, double, of a brilliant golden yellow. Pkt., 10c; ½ oz., 35c.
 977 **Tall Red Sunflower.** The new Red Sunflower is easily grown from seed the same as all of the *Helianthus* family. Pkt., 10c; ½ oz., 30c.
 980 **Excelsior Hybrids.** Bronze, brown, and red shades, zoned. 5 ft. Pkt., 10c; ¼ oz., 25c.
 984 **Double Chrysanthemum-Flowered.** Flowers larger than the preceding; full and double. Orange-yellow. 5 feet. Pkt., 10c; ½ oz., 35c.
 986 **Russian Mammoth.** Very large. 7 to 9 feet. Oz. pkt., 10c.

Tagetes

(*Scotch Marigold*)

- 1312 **Signata Pumila, Little Giant.** 6 to 8 inches. A bright yellow color. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

Thunbergia

- 1315 **Mixed.** An annual vine, growing about 4 feet high, bearing medium-sized flowers, white, buff or orange, with dark eye. Largely used in hanging baskets or window boxes. Pkt., 10c; ¼ oz., 35c.

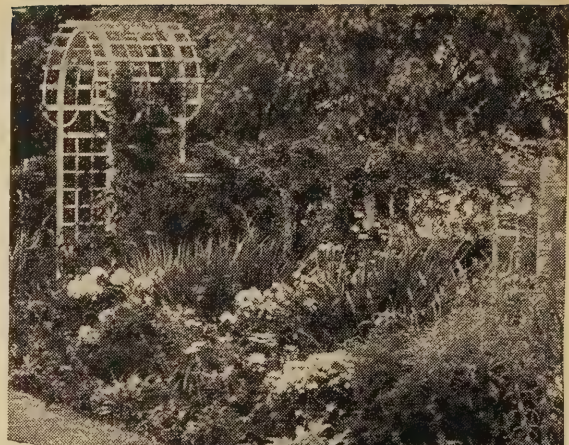
Tithonia

(*Torch Flower*)

- 1316 **Torch.** A quick growing summer annual that thrives on hot weather. Brilliant orange-scarlet flowers on a compact plant waist high. Early. August until frost. Pkt., 25c

Of Special Interest to the Kiddies

- 1386 **Wild Flower Garden Mixture.** A mixture of many free-blooming annuals which, once sown, require little care. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 80c.
 1387 **Old-Fashioned Flower Garden Mixture.** This is a mixture of old standard varieties of flower seeds which will give a supply of flowers for cutting throughout the entire season. Pkt., 10c; ½ oz., 30c; oz., 50c.



WORCESTER DOLLAR COLLECTION

Annual Chrysanthemum. Mixed colors.

Asters. Worcester mixed.

Balsam. Choice mixed.

Calendula. Choice mixed.

Carnation. Double fine mixed.

Cosmos. Large early flowering.

Helichrysum. Mixed colors.

Nasturtium. Dwarf mixed.

Pansy. Worcester mixed.

Phlox. Finest mixed.

Portulaca. Single mixed.

Salpiglossis. Mixed colors.

Scabiosa. Mixed.

Sweet Alyssum. Little Dorrit.

Verbena. Mixed colors.

15 Packets
of Lovely
Annuals
Anyone Can
Grow

For \$1
Postpaid

Verbena

Favorite annuals, thriving in nearly all soils. Useful for beds, borders, carpeting ground and vases.
 1319 **Mammoth Blue Shades.** Pkt., 10c; ½ oz., 40c.
 1321 **Mammoth Mixed Colors.** Best large flowering sorts of many colors.

Pkt., 10c; ½ oz., 35c; ¼ oz., 60c.

1322 **Scarlet Defiance.** Large trusses of deep, rich scarlet. Pkt., 10c; ½ oz., 35c.

1323 **Mammoth White.** Truss and flowers large, fragrant. Pkt., 10c; ½ oz., 35c.

1324 **Royal Bouquet.** Finest mixed. Upright, large flowers, auricula-eyed, especially good for pot culture. Pkt., 10c.

1325 **Mammoth Mayflower.** Pink. Pkt., 10c; ½ oz., 40c.

1326 **Crimson Glow.** Rich glowing crimson. The plants are semi-compact in habit with foliage of small type. Pkt., 15c.

1327 **Fireball** (Nana Compacta). A dwarf compact Verbena, growing about 6 inches high and covered with bright scarlet blooms. Pkt., 10c.

1328 HYBRID COMPACTA TYPE (Edging Verbena)

They are excellent for the annual rock garden in a sunny position, for borders or edgings, or for window boxes or pots. Mixed colors.

Pkt., 10c; ½ oz., 40c.

1329 **Mammoth Pink and Rose Shades.** Pkt., 10c; ½ oz., 40c.

Vinca Rosea

1332 **Choice Mixed.** (Periwinkle). 12 in. high. Pkt., 10c; ½ oz., 35c; ¼ oz., 60c.

Wallflower

Fine bedding plant, but more often grown as a pot plant. Shades of yellow, brown and reddish brown.

1340 **Single.** Mixed colors. Pkt., 10c.

1341 **Double Branching.** Mixed colors. Pkt., 10c; ½ oz., 40c.

1342 **Paris Extra Early.** A new single flowered strain, blooming throughout the season, from spring-sown seed. Colors light brown, brownish red, yellow, and creamy white. Mixed. Pkt., 10c; ½ oz., 40c.

Wild Cucumber Vine

1346 **Wild Cucumber** (*Echinocystis lobata*). One of the most rapid growing climbers with white, fragrant flowers. Seed may be sown either in the fall or spring. Cannot supply.



Verbenas

ROSS' ZINNIAS

Most Useful of Flowers



Lilliput

(Pompon or Baby Zinnias)

The Lilliputs are fast supplanting all other types of Zinnias for cut-flower use. Flowers are small, compact, symmetrical, on strong stems.

1362 Pastel Mixture.

1363 Finest Mixed.

Pkt., 10c; ¼ oz., 30c.

Pkt., 10c; ¼ oz., 30c.

Fantasy Type

1364 Finest Mixed. Double rounded flowers composed of a mass of shaggy raylike petals. The color range includes the brightest shades of red and orange, as well as the popular pastel pinks and cream.

Pkt., 10c; ¼ oz., 30c.

Harmony Type (SCABIOUS FLOWERED)

1365 Finest Mixed. Plants 2 to 2½ feet, bearing numerous medium sized flowers resembling the annual Scabiosa.

Pkt., 10c; ¼ oz., 30c.

Mexican or Miniature

1365A Persian Carpet. (New.) Fully double, ball-shaped flowers of the miniature type in a sparkling range of variegated color combinations with many rich shades as well as gold, bronze and orange. Flowers with cutting stems borne on low, mound-shaped, border and edging plant.

Pkt., 25c; ½ oz., 75c.

Super Crown O' Gold

1366 Pastel Tints. Flowers are large and showy, 5 to 5½ inches in diameter. Strictly a mixture of pastel tints. The plants are strong and robust, growing about 3 feet tall.

Pkt., 10c; ¼ oz., 35c.

Zinnia, New Giant Dahlia-Flowered

The plants are of medium height, 2½ to 3 feet tall, very robust, bearing many strong stems of the fully double, huge flowers which resemble the show type of Dahlia.

1367 Will Rogers. Brilliant scarlet-red.

1368 Crimson Monarch. Deep crimson.

1370 Dream. Deep rosy lavender.

1372 Exquisite. Color light rose, center a deep rose (Tyrian rose).

1374 Oriole. Immense orange and gold bicolor, changing slightly as it ages.

1376 Canary Bird. Rich canary-yellow.

1378 Polar Bear. Large, pure white, the best in Zinnias.

1379 Royal Purple. Rich purple.

Each of the above: Pkt., 15c; ½ oz., 30c;

¼ oz., 45c.

1380 Special Mixture Gold Medal Strain. A well-blended mixture containing all the above novelties.

Pkt., 15c; ½ oz., 25c; ¼ oz., 45c.

1381 Gaillardia Flowered. Finest mixed (Navajo.) Flowers resemble a Picta Double Gaillardia in both form and colorings.

Pkt., 10c; ½ oz., 25c.

1382 Lilliput Tom Thumb. Mixed. Plants 4 to 6 inches, compact, covered with well-formed flowers of the Lilliput type.

Pkt., 10c; ½ oz., 35c.

The most gorgeous annuals with a wonderful range of color, flowers of velvety texture, extremely double, with long stems and good keeping qualities.

Cupid Zinnias

Dwarf compact little plants bearing quantities of button flowers smaller than Lilliput type. For edgings and pots.

1350 Cupid, Finest Mixed. Pkt., 10c; ¼ oz., 30c.

1350A Linearis. Dwarf early flowering. The single flowers are deep golden orange, with a delicate light yellow stripe which contrasts boldly with the dark center; plants 8 to 10 inches high with a spread of as much as 2 feet.

Pkt., 15c; ½ oz., 40c.

California Giant or

Mammoth Zinnia

The plants grow from 2½ to 3 feet high and are covered with myriads of densely double flowers, from 4 to 6 inches in diameter.

1351 Mammoth Crimson Queen.

1352 Mammoth Purity White.

1353 Mammoth Scarlet Queen

1354 Mammoth Golden Queen

1355 Mammoth Orange King. Orange-scarlet.

1356 Mammoth Violet Queen. Deep purple.

Each, Pkt., 10c; ¼ oz., 45c.

1358 Mammoth. Mixed colors.

Pkt., 10c; ¼ oz., 45c; oz., \$1.50.

Early Wonder

Earliest of all Zinnias. Fine for short season locations. Plant 18 inches to 24 inches tall, basal branching, producing 3 to 4-inch flowers on long wiry stems which have no laterals and practically no leaves. Bred for cut flower use.

1359 Finest Mixed. Full range of colors.

Pkt., 10c; ½ oz., 25c.

Peppermint Stick

Peppermint Stick Zinnia is a development of Striped Zinnias reselected for a wider color range including red and white, red and yellow, pink and white, orange and yellow, and purple and white, medium-sized Pumila-type flowers. One of the best Cut-and-Come-Again Zinnias. An early strain, produces approximately 70% striped flowers.

1359A Finest Mixed.

Pkt., 10c; ¼ oz., 30c.

Pumila, Dwarf Double

(Cut-and-Come-Again)

Bushy plants about 1½ ft. tall. Flowers average about 2½ inches across, well rounded, freely produced on long stems. Ideal for cutting.

1360 Finest Mixed.

Pkt., 10c; ¼ oz., 35c.

Haageana, Double

(Mexican Zinnias)

Small double flowers are varied and variegated in a wide range of color combinations.

1361 Finest Mixed.

Pkt., 10c; ½ oz., 25c.





"Flowers Have Been Called the Smiles of God"

HARDY PERENNIALS

That Endure for Years

Achillea

135 **Ptarmica** (The Pearl). Bears clusters of pure white flowers abundantly all summer; fine for cutting; also for cemetery planting. 12 to 18 inches. **Pkt., 10c; 1/16 oz., 50c.**

Aconitum

136 **Napellus** (Monkshood). Large, porcelain-blue hood-shaped flowers; very effective in borders; valuable for cutting. 1½ feet high. **Pkt., 10c.**

Adlumia

140 **Cirrhosa** (Mountain Fringe; Allegheny Vine). A beautiful, hardy, climbing biennial. The feathery foliage resembles that of the Maidenhair Fern. Rapid growth. Small, tube-shaped pink blossoms. Desirable for covering trellises, stumps, etc. 10 to 15 feet. **Pkt., 10c.**

Adonis

146 **Vernalis**. Bright yellow. **Pkt., 10c; 1/8 oz., 60c.**

Agrostemma

Pretty, free-blooming plants of easy culture, especially desirable for dry situations. Excellent for cutting.

161 **Coronaria** (Rose Campion). Red. One of the earliest hardy perennials. 1½ feet. **Pkt., 10c; 1/4 oz., 35c.**

Alyssum

(*Gold Dust*)

170 **Saxatile Compactum**. Hardy, compact growth, producing a mass of golden yellow flowers in April. Height 1 foot. Of easy culture. Excellent for rockeries and borders. **Pkt., 10c; 1/8 oz., 25c.**

Ampelopsis

182 **Veitchi** (Boston Ivy) **Pkt., 10c; 1/2 oz., 35c.**

Anchusa

186 **Dropmore Variety**. This variety yields an abundance of brilliant blue flowers. 4 feet. June and July. **Pkt., 10c; 1/4 oz., 30c.**

Anemone

A very popular, hardy garden perennial.

188 **Coronaria, French** (De Caen). Fine mixed. 1 foot. **Pkt., 10c.**

189 **Coronaria, St. Brigid**. An improved strain, bearing larger and more brilliant flowers and remaining in bloom longer. 1 foot. **Pkt., 10c.**

Anthemis

(*Hardy Golden Marguerite*)

A beautiful, hardy perennial; golden yellow, Daisy-like flowers, excellent for cutting. Height 2 feet. **Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c.**

Aquilegia

(*Columbine*)

Beautiful tree flowering hardy perennials, blooming throughout the spring and early summer. Of easy cultivation and will thrive in partial shade. 1 to 3 feet.

200 **Single Mixed**. **Pkt., 10c; 1/8 oz., 35c.**

202 **Double Mixed**. **Pkt., 10c; 1/8 oz., 35c.**

204 **Coerulea Hybrida Fl.-Pl.** Long spurred, flowering hybrids in fine colors. **Pkt., 10c; 1/8 oz., 50c.**

Arabis

(*Rock Cress*)

208 **Alpina Rosea**. Rose, very dwarf. **Pkt., 10c.**

209 **Alpina, White**. **Pkt., 10c; 1/8 oz., 40c.**

209A **Pumila, Snow Cap**. Compact free flowering. **Pkt., 10c.**

Aristolochia

215 **Elegans** (Dutchman's Pipe). A hardy perennial vine of rapid growth with large, glossy, heart-shaped leaves, bearing curious yellowish brown blossoms, somewhat resembling a pipe. 15 to 20 feet. **Pkt., 10c.**

Armeria

215A **Formosa Hybrids** (Giant Thrift). 2 ft. Pkt., 10c.

Aubrietia

(*Rainbow Rock Cress*)

220 **Large Flowered Hybrids**. Dwarf free flowering plants with masses of blue and rose shade flowers in early spring. 6 to 8 inches. Pkt., 10c; 1/8 oz., 60c.

Bellis Perennis

(*Double English Daisy*)

A perennial plant, bearing in early spring small double white or rose-colored flowers. It is generally classed as hardy, but really needs a slight protection through the winter. 4 inches.

246 **Longfellow**. Dark rose. Pkt., 10c.

247 **Snowball**. Pure white. Pkt., 10c.

247A **Red Quilled**. Pkt., 10c.

248 **Monstrosa Double Mixed**. Each plant produces 12 to 15 flowers that measure 2 to 3 inches across, carried on long, strong stems. Pkt., 10c; 1/16 oz., 60c.

248A **Super Giant Rose**. Deep rose. Pkt., 10c.

248B **Super Giant Red**. Cerise-red. Pkt., 10c.

248C **Super Giant White**. Pure white. Pkt., 10c.

Canterbury Bells

(*Campanula Medium*)

Showy hardy biennials about 3 feet high, covered with large bell-shaped flowers. The Calycanthema (Cup-and-Saucer) class is so named because of the broadening of the calyx into a saucer-shaped secondary flower.

267 **Prize Mixture**. A superb mixture of all classes, single, double, and Cup-and-Saucer. Pkt., 10c; 1/8 oz., 25c.

268 **Single Mixed Colors**. Pkt., 10c; 1/8 oz., 35c.

269 **Double Mixed Colors**. Pkt., 10c; 1/8 oz., 35c.

270 **Calycanthema**. Rose-pink. Pkt., 10c; 1/8 oz., 40c.

272 **Calycanthema** (Cup-and-Saucer). **Mixed colors**. Pkt., 10c; 1/8 oz., 40c.

273 **Calycanthema**. Dark blue. Pkt., 10c; 1/8 oz., 40c.

274 **Calycanthema**. White. Pkt., 10c; 1/8 oz., 40c.

274B **Carpatica** (Harebell). Dainty light violet-blue bells opening upward. Pkt., 10c; 1/8 oz., 60c.



Canterbury Bells

Carnation

(*Hardy*)

288 **Chaubaud's Giant Double Mixed**. Flowers large, a high percentage double. Deliciously fragrant and greatly varied in coloring. Pkt., 10c; 1/8 oz., 50c.

290 **Dwarf Vienna**. Blooms early the second summer from seed. The hardiest sort, said to stand the winter with a slight protection. Flowers large, double, fragrant and of varied colors. Pkt., 10c; 1/8 oz., \$1.00.

292 **Grenadin, Finest Mixed**. Early, free flowering, medium large, upright growing, long slender stemmed hardy Carnation. Foliage is grassy, of the Dianthus type. Does not bloom until the second year. Pkt., 10c.

COLUMBINE. See Aquilegia.

Centaurea

328 **Montana, Blue**. (Perennial Cornflower.) Large violet-blue flowers, 2 feet. Pkt., 10c; 1/8 oz., 30c.



Bellis Perennis

Cheiranthus

334 **Allioni** (Siberian Wallflower). Brilliant orange. 1 foot. Pkt., 10c; 1/8 oz., 25c.

335 **Allioni, Golden Bedder**. Golden yellow. Pkt., 10c; 1/8 oz., 25c.

Clematis

340 **Paniculata**. One of the finest hardy perennial climbers. Of robust habit and covered from the ground to the summit with pure white, fragrant flowers. The flowers are followed by pretty seed pods of bronzy red. 12 feet. Cannot supply.

Coreopsis

For Annual Varieties, see Calliopsis.

358 **Lanceolata Grandiflora**. The flowers are a rich golden yellow, often 3 inches in diameter, borne on fine, long stems; desirable for cutting. Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 50c.

358A **Double Sunburst**. Large, golden yellow, fully double flowers. Pkt., 10c; 1/4 oz., 35c; 1/2 oz., 60c.



Armeria



Digitalis, The Shirley

Dahlia

One of our best autumnal flowering plants. Blooms until killed by frost; tuberous rooted, half-hardy perennials; blooming the first year from seed, if sown early. Protect roots during winter in a dry cellar in peat moss or sand.

371 Unwin's Dwarf Hybrids. Early flowering semi-double strain of Dahlias, producing gorgeous blossoms of almost every color combination from midsummer until late autumn. Pkt., 10c; 1/8 oz., 50c.

371A Coltness Gem. Dwarf large flowering hybrids. Reselected. Pkt., 10c; 1/8 oz., 50c.

372 Special Mixture of Giant-Flowered Single Varieties. Comprises seed from noted English and Holland growers. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.

373 Double Large-Flowered. Mixed colors. Saved from the finest show varieties. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 90c.

DAHLIA BULBS. See page 59.

Daisy

378 Shasta Daisy. Large, pure white flowers blooming in great abundance all summer. 1 to 2 feet. Pkt., 10c; 1/16 oz., 25c; 1/8 oz., 40c.

Michaelmas Daisies (Perennial Single Aster). Beautiful and showy, hardy perennials easily grown from seed, blooming profusely in the autumn months, and the first season if seed is sown early.

381 Alpinus, Mixed Colors. Pkt., 10c.

For other flowers known as Daisies, see Anthemis, Brachycome and Chrysanthemums.

Delphiniums

393 Gold Medal Strain. Seeds taken from the Gold Medal strain. Double and single, and includes light blue, intense deep blue and many lighter shades. 6 to 8 ft. Pkt., 25c; 1/8 oz., 60c.

393A Blue Bird Series. Clear medium blue, white bee. Pkt., 25c.

393B Galahad Series. Huge clear white. Pkt., 25c.

393C Lancelot Series. Clear lilac self, a rare color; white bee. Pkt., 25c.

394 Pacific Giants, Mixed. Pkt., 25c; 1/16 oz., 75c.

395 Belladonna Hybrids Mixed. Pkt., 10c; 1/8 oz., 60c.

396 Wrexham Hollyhock Strain. This strain is a fine mixture of light and dark shades. The flowers are large, truly double, well placed on long spikes. 6 feet. Pkt., 15c; 1/8 oz., 75c.

397 Chinensis Alba. Pure white. 2 to 3 feet tall. Pkt., 10c; 1/8 oz., 30c.

397A Nudicaule. Scarlet. 2 ft. Pkt., 10c.

Clove or Grass Pinks

(*Dianthus Plumarius*)

Improved forms of the old well known Clove Pink. They grow anywhere and bloom very profusely. Very useful for the hardy border.

416 Single (Pheasant's Eye Pink). Mixed colors. Pkt., 10c; 1/8 oz., 25c.

417 Nanus fl.-pl. Extra dwarf double mixed. Pkt., 10c; 1/8 oz., 50c.

418 Florist's Perpetual Pink (*D. semperflorens*). Double and semi-double; large flowers; very fragrant and many colors. Blooms nearly all summer and if sown in March will generally bloom the first season. Pkt., 10c; 1/8 oz., 30c.

Dielytra

421 Spectabilis (Bleeding Heart). The flowers are heart shape, varying from light pink to rosy crimson. Leaves are light transparent green. Blossoms in April and May. Cannot supply.

Digitalis

(*Foxglove*)

Favorite hardy plants bearing in June and July tall flower spikes. Of easy culture. Hardy biennial or perennial. 2 1/2 to 3 feet.

424 Monstrosa. Mixed colors. Monstrous flowers. Attractive. Pkt., 10c.

430 Gloxiniaeflora, The Shirley. Giant hybrids, spotted throats. Pkt., 10c.

431 Gloxiniaeflora. Finest spotted varieties. Mixed. Pkt., 10c; 1/8 oz., 25c.



Pacific Hybrid Delphiniums

Forget-Me-Not

(Myosotis)

Favorite half-hardy perennials, mostly treated as annuals; nearly all blooming the first season from seed sown early in the open ground.

- 454 **Alpestris, Indigo Blue.** Dark blue. Pkt., 10c; 1/8 oz., 50c.
 455 **Oblongata, Blue Bird.** Dark blue, large flowered. Pkt., 10c; 1/8 oz., 50c.
 457 **Alpestris Rosea.** Rose. Pkt., 10c; 1/8 oz., 50c.
 459 **Palustris Semperflorens, Azure.** Blue. Blooms in 8 to 10 weeks from sowing. Pkt., 10c; 1/8 oz., 50c.
 460 **Hybrida, Ruth Fisher.** Upright growing, free blooming, rich color. Fine for pots. Pkt., 25c.
 461 **Victoria, Dwarf.** The flowers are large, bright azure-blue, with yellow centers. Best for edging. Pkt., 10c; 1/8 oz., 60c.
 462 **Victoria Rosea, Dwarf.** Rose, dwarf large-flowered. Pkt., 10c.
 463 **Victoria, Dwarf Indigo-Blue.** Pkt., 10c; 1/8 oz., 60c.
 464 **Victoria, Dwarf White.** Pkt., 10c.

Gaillardia

(Blanket Flower)

Flowers large, with rich shades of scarlet, orange and crimson, the three often combined in one flower. If sown early, will bloom in the first season. 1 1/2 to 2 feet.

- 478 **Grandiflora, Large Flowered Choice Mixed.** A splendid mixture; comprises all the colorings known. Pkt., 10c; 1/8 oz., 35c.
 478A **Burgundy.** Coppery scarlet flowers 2 1/2 inches in diameter. If started early indoors flowers may be produced the first season from seed. Pkt., 10c; 1/8 oz., 40c.

Geum

Free flowering, producing a wealth of attractive flowers much prized for cutting. Excellent for borders.

- 486 **Lady Stratheden.** Flowers loosely double; a delightful shade of golden yellow. Pkt., 10c; 1/8 oz., 50c.
 487 **Mrs. Bradshaw.** The double orange-scarlet flowers are very large and full. 2 feet. Pkt., 10c; 1/8 oz., 50c.

Gypsophila

(Baby's Breath)

Flowers very small, borne in loose graceful panicles. Used in bouquets with other cut flowers. 2 feet.

- 502 **Pacifica.** Rose, blooms when Paniculata varieties have passed. Excellent for cutting. Pkt., 10c; 1/16 oz., 50c.
 504 **Paniculata Flore Pleno.** A fine, new double of the purest white, the flowers forming miniature balls of white petals. Pkt., 10c; 1/16 oz., 40c.
 506 **Paniculata.** White. The variety more generally known as Baby's Breath. Hardy perennial. Pkt., 10c; 1/4 oz., 20c; 1/2 oz., 35c.

Helenium

A very valuable hardy perennial, bearing in profusion in August and September, long-stemmed, single flowers; fine for cutting.

- 510 **Hoopesi.** Yellow with brown disk. Pkt., 10.
 512 **Riverton Gem.** Orange blooms, tinged with maroon. Cannot supply.

Heliopsis

- 516 **Laevis Pitcheriana.** Yellow. Pkt., 10c.



Gypsophila



Double Hollyhocks

Heuchera

- 525 **Sanguinea Hybrids.** A fine, hardy perennial bearing in graceful spikes, rich colored flowers Useful for cutting. 1 foot. Pkt., 25c.

Hibiscus

(Mallow Marvel)

Vigorous growing plants, producing large, handsome flowers, often 6 inches across. Very desirable for mixed beds or borders.

- 526 **Giant Flowered.** Finest mixed. Hardy perennial. 4 feet. Pkt., 10c; 1/8 oz., 35c.

Hollyhock

Flowers about 3 inches across set as rosettes around strong growing stalks. Seeds sown in May or June make fine blooming plants the following season.

- 530 **Chater's Double, Finest Mixed.** Choicest double varieties, a large percentage of the flowers coming double. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.
 531 **Double Triumph Mixed.** Beautifully fringed rosette flowers in many new shades and bicolor combinations. Pkt., 10c; 1/8 oz., 40c.
 532 **Alleghany.** Large, semi-double flowers, beautifully fringed, of silky texture and richly colored. Pkt., 10c; 1/8 oz., 25c.
 534A **Double Emperor.** Large fringed rosette flowers in charming color combination. Pkt., 10c; 1/8 oz., 40c.
 Chater's Double. 535 Maroon. 535A Newport Pink.
 536 Snow-White. 536A Yellow. Pkt., 10c; 1/8 oz., 40c.



Russell Lupins

Lychnlis

Perennial plants of easy culture, blooming the first season if sown early.

595 **Chalcedonica** (Burning Star). Bright scarlet flowers shaped like a Maltese Cross. Of fine color and thrifty growth; very effective in the perennial border. 2 feet. Pkt., 10c; 1/8 oz., 25c.

Mimulus

Bushy plants 1 foot high. Flowers various shades of yellow, spotted and marked crimson.

630 **Tigrinus** (Monkey Flower). Handsome flowers with white, sulphur or yellow ground spotted with crimson, scarlet or pink. Pkt., 10c.

631 **Moschatus** (Musk Plant). Small yellow flowers, musk-scented foliage, of trailing habit; excellent for hanging baskets. Pkt., 10c.

Nepeta

757A **Mussini**. A favorite perennial rock plant with blue-gray foliage and blue flowers. 9 inches. Pkt., 10c; 1/8 oz., 35c.

Phlox

The seed we offer has been saved from the best varieties and is supplied in mixture only.

847 **Choicest Mixed**. Pkt., 10c; 1/8 oz., 60c.

848 **Beltsville Beauty**. (New.) If sown in autumn, flowers the following spring; thereafter perennial. Color range includes white, white with eye, pink, pink with eye, salmon, flame, lavender, mauve. Developed by United States Dept. of Agriculture. Freeze seed before planting. Cannot supply.

Physalis

(Chinese Lantern Plant)

850 **Francheti**. Bright orange, scarlet lantern-like fruits which are gathered in the fall and dried. Very attractive for winter bouquets. If seed is sown early will bloom the first year. Pkt., 10c.

Iberis

542 **Queen of Italy**. Dwarf, bushy habit. Pink flowers. Pkt., 10c.

543 **Sempervirens** (Perennial Candytuft). A desirable hardy perennial of easiest culture. Dwarf spreading habit; suitable for rockeries. Flowers pure white. Pkt., 10c.

544 **Gibraltarica**. Lilac shading off to white; large flowers. Early. Pkt., 10c; 1/8 oz., 35c.

Kudzu Vine

(*Pueraria*)

560 **Thunbergiana** (Jack-and-the-Beanstalk-Vine). A vine of wonderfully rapid growth, when well established, growing to the great height of 40 to 50 feet. Leaves are of enormous size. Hardy perennial. Pkt., 10c.

Lathyrus Latifolius

(*Everlasting Sweet Pea*)

An easily grown, hardy perennial climber, bearing freely flowers somewhat similar in form to the Sweet Pea. If grown in moist soil, will bloom nearly all summer. Colors: reddish purple, rose and white. 6 to 8 ft.

570 **Mixed colors**. Pkt., 10c; 1/4 oz., 35c.

Lavender

(*Lavandula Vera*)

575 **Vera**. A well-known hardy perennial grown chiefly for its lasting fragrance. Pkt., 10c.

Liatris

578 **Spicata**. Purplish rose. 20 inches. Pkt., 10c.

Linum

582 **Flavum**. Yellow. Excellent early flowering rock garden plant. Pkt., 10c; 1/8 oz., 40c.

Lobelia

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam.

588 **Cardinal Flower** (*Cardinalis*). Intense scarlet. 3 feet. Pkt., 25c.

Lupin

590A **Polyphyllus**. Blue. Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c.

591 **Polyphyllus**. Finest Mixed. Hardy plants of easy culture; useful as a background in the perennial border. Mixed blue and white. 2 to 4 feet. Pkt., 10c; 1/4 oz., 35c.

592 **"Russell."** Grown from originator's stock seed. A fine collection. Pkt., 10c; 1/4 oz., 75c.



Lathyrus Latifolius

We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.

Exhibition PANSIES

*Bloom Abundantly from Early Spring
to Severe Frost*

**A Lovely, Velvety Assortment of Colors
that Endures All Climates**

The Pansy produces best results during the cool days of spring, and in a sandy loam, thoroughly prepared and supplied with well-rotted manure. To assist germination by retaining moisture, cover the seed bed with sheeting or single burlap, removing as soon as seedlings begin to appear. From this time on it is important never to let the soil become dry; to do so is fatal. Keep moist but not soaking wet. For early spring flowers, sow seed in August and protect during the winter.

770 Swiss Giant Coronation Gold. Canary-yellow, lower petals flushed golden orange; slightly ruffled.
Pkt., 25c.

771 Swiss Giant. Giant mixed. The flowers are of immense size, borne on long stems, and the colors are unusual, mostly large blotched.
Pkt., 25c.

774 Dwarf Swiss Giant. Plants are more dwarf and compact with the same immense flowers and unusual colors.
Pkt., 25c.

776 Super Maple-Leaf Giant Mixed. Compact habit, with large attractive foliage and very large blooms.
Pkt., 25c.

778 Masterpiece. (Ruffled Pansies.) A strain having ruffled and curled petals, giving the flowers the appearance of being double. Colors rich and striking.
Pkt., 10c; 1/8 oz., 75c.

779 Worcester Giant Mixed. Our own selections of choice large-flowered strains and varieties, including a proportion of all the preceding strains, the named separate sorts, and several choice strains of different growers.
Pkt., 10c; 1/8 oz., 75c.

782 Trimardeau Large Flowered Mixed. The range of coloring is excellent, and the mixture will be found very satisfactory.
Pkt., 10c; 1/8 oz., 75c.

783 Oregon Giants Mixed. A splendid strain of Fancy Pansies, large flowered and of good substance.
Pkt., 25c.

785 Choice Mixed. A mixture of many varieties.
Pkt., 10c; 1/8 oz., 75c.

786 Giant Adonis. Splendid light blue, with white center and dark blotches.
Pkt., 10c.

788 Giant Cardinal. Brilliant red.
Pkt., 10c; 1/8 oz., 75c.

792 Golden Queen. Pure yellow.
Pkt., 10c; 1/8 oz., 75c.

794 Indigo Blue. New rich shade.
Pkt., 10c; 1/8 oz., 75c.

796 King of the Blacks.
Pkt., 10c; 1/8 oz., 75c.

800 Lord Beaconsfield. Violet, shading to white at the top.
Pkt., 10c; 1/8 oz., 75c.

804 Madam Perret. Fine red shades.
Pkt., 10c; 1/8 oz., 75c.

808 Snow White (Candidissima).
Pkt., 10c; 1/8 oz., 75c.

811 Yellow. With large, black eye.
Pkt., 10c; 1/8 oz., 75c.



Ross' Giant Pansies

**Outstanding in Color, Size and
Freedom of Bloom**

They are of enormous size with long stems and healthy foliage. The color combinations are new and very rare, including shades never before seen in Pansies: browns, salmons, pinks, reds, and wine colors. We do not hesitate to recommend this strain to the most critical grower.

Why buy ordinary seed when **Ross' Selected Giants cost no more?** One ounce of seed will produce as many as 20,000 plants. **Try Ross' Selected Giant Seed this year for best results.**

PRICE LIST OF ASSORTED COLORS:

780—Pkt., 50c; 1/16 oz., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.25; 1 oz., \$12.00; 1/4 lb., \$44.00; 1 lb., \$160.00. These prices include free delivery in U. S. A.



New Giant Scabiosa Caucasia

Platycodon (Chinese Bellflower)

855 **Grandiflorum, Mammoth Blue.** Blooms from July to September. The flowers are large, steel-blue. 2 to 2½ ft. **Pkt., 10c.**
 856 **Grandiflorum, Mammoth Early White.** **Pkt., 10c.**

Polemonium (Jacob's Ladder)

857 **Coeruleum.** Large heads of showy blue flowers from May to August. 2 feet. **Pkt., 10c.**
 858 **Album White.** **Cannot supply.**

Hardy Perennial Poppies

890 **Iceland Poppies.** White and shades of yellow and orange. Mixed. **Pkt., 10c; ¼ oz., 40c.**
 891 **Iceland Poppies, Fl. Pl. Extra Double Mixed.** **Pkt., 10c; ¼ oz., 50c.**

Oriental Poppies. Easily grown from seed sown either in late fall or early spring. They bloom the second spring from sowing.

892 **Oriente.** Deep crimson flowers, with blotch of black on each petal. **Pkt., 10c; ¼ oz., 50c.**

893 **Oriental Mixed.** Flowers of enormous size, sometimes 6 inches or more in diameter and of many novel colors. **Pkt., 10c; ¼ oz., 50c.**

Hardy Primroses

Although known as a hardy perennial, these require in this climate some protection. If protected with leaves covered by a box, they will live through our severest winters.

Veris (Polyanthus). Excellent for either pot or outdoor culture. Colors mostly shades of yellow, and red and yellow.

903 **Choicest Mixed.** **Pkt., 10c.**

904 **Vulgaris.** True, yellow English Primrose. Canary-yellow; fragrant. **Pkt., 10c.**

Pyrethrum

Hardy perennials of easy culture.

910 **Aureum** (Golden Feather). Golden foliage; small, white flowers. 1 foot. **Pkt., 10c; ¼ oz., 35c.**

913 **Roseum Hybridum.** Blooms freely from June to September, bearing large flowering, Daisy-like flowers, ranging from light pink to deep red, with bright yellow center; excellent for cutting. **Pkt., 10c; ¼ oz., 60c.**

Rocket, Sweet (*Hesperis Matronalis*)

Hardy perennial plant of easy culture, bearing clusters of purple or white, fragrant flowers. 1½ feet.

921 **Mixed.** **Pkt., 10c; ⅓ oz., 25c.**

Rudbeckia (Coneflower)

Will grow in nearly all soils and situations, thriving in partial shade or fully exposed to the sun.

925 **Kelvedon Star.** Deep orange with dark brown disc. **Pkt., 10c.**

926 **Purpurea** (Echinacea; Giant Purple Coneflower). Large flowers, about 4 inches in diameter; reddish purple, with large cone of brown. Hardy perennial. 3 feet. **Pkt., 10c; ⅓ oz., 40c.**

Scabiosa

946 **Columbaria.** Lavender. Large lavender-blue flowers; plant dwarf with a fine, light green foliage. 18 inches. **Pkt., 15c; ⅓ oz., 60c.**

946A **Columbaria Pink.** Delicate pink. 18 inches. **Pkt., 15c; ⅓ oz., 60c.**

947 **Caucasica Perfecta.** A hardy perennial, especially valuable for cutting, the blooms lasting a long time in water; color soft lavender-blue. 2 feet. **Pkt., 10c; 1/16 oz., 30c.**

947A **House's New Hybrids.** Each petal is beautifully ruffled and fringed. Shades of blue from lavender to dark blue, very large flowers. **Pkt., 15c; 1/16 oz., 40c.**



Oriental Poppy



Tritoma

Sedum

949A **Acre.** H.P. Thrives well in poor soil. Fine for rockeries and for covering bare spots. Yellow blossoms. 3 inches. **Cannot supply.**

Sweet William

(*Dianthus Barbatus*)

A hardy biennial with large trusses of sweet-scented flowers produced in abundance, suitable for rock gardens. 1300 **Single Mixed Colors.** Pkt., 10c; 1/8 oz., 35c.

1302 **Holborn Glory.** A new strain of the auricula-eyed section; both the head and individual flowers are of the largest size and each of the latter shows a clear white eye; of an exceedingly wide range of colors. Pkt., 10c; 1/8 oz., 40c.

1304 **Dwarf Double Mixed Colors.** 6 inches. Pkt., 10c; 1/8 oz., 75c.

1305 **Dwarf Single Mixed Colors.** 6 inches. Pkt., 10c; 1/8 oz., 60c.

1308 **Double Largest Flowered.** Choicest mixed. A greatly improved strain. Pkt., 10c; 1/8 oz., 40c.

1309 **Scarlet Beauty.** A very effective rich, deep scarlet variety. Pkt., 10c; 1/8 oz., 40c.

1306 **Newport Pink.** Pkt., 10c; 1/8 oz., 40c.

Stokesia Cyanea

Cornflower Aster

973 **Blue.** Blooms from August to frost. 2 feet high. Pkt., 10c.

974 **Mixed.** Containing many new colors. **Cannot supply.**

Tritoma

1317 **Tritoma** (Red Hot Poker Plant or Flame Flower). H.P. Large spikes of orange-red flowers. Height, 4 feet; effective in single clumps or among shrubbery. Pkt., 10c; 1/8 oz., 35c.

Trollius

1317A **Choicest Mixed Varieties.** Pkt., 10c

Tunica

1318 **Saxifraga.** Dwarf, hardy perennial. Pink blossoms; an excellent rock plant. Pkt., 10c.

Veronica

1330 **Spicata.** All colors mixed. Pkt., 10c; 1/8 oz., 50c.

Viola Cornuta

(*Tufted Pansies*)

Flowers not so large as the Pansy. Blooms profusely; is quickly and easily grown. Seed sown in April will produce blooming plants in June and, if planted in cool, moist soil, partly shaded, nearly all summer. Hardy perennial.

1335 **Mixed Tufted Pansies.** Finest mixture of all colors. Pkt., 10c; 1/8 oz., 75c.

We deliver free in the United States all **Bulbs, Vegetables and Flower Seeds**, at prices listed in this catalog. Prices subject to change.



Viola Cornuta

Gladiolus You'll Want a Planting of these Gorgeous Summertime Beauties

All named varieties: Each, 10c; doz., 90c; 100, \$6.00.

Anna Mae. The finest pure white at any price. Opens 6 large blooms on a consistently tall, straight spike. Early.

Blue Beauty. Light violet-blue, vigorous grower. Most blues are temperamental, but this one is consistently dependable in performance.

Camellia. Bluish white, tinted pink, with small scarlet marking in throat. 6-8 large, well placed blooms on a long flower head. Tall husky grower.

Chamouny. Beautiful distinct shade of cerise-rose with a silver line around all petals. Opens up to 10 blooms on a long spike.

Corona. Creamy white shading more creamy towards the throat with rose picotee edge on all petals. 6 to 8 very large well open blooms on a head of 18 buds. Tall, strong grower.

Ethel Cave Cole. Pure light pink shading to a creamy throat. Opens up to 10 well placed blooms.

Fair Angel. Cream-white shading to darker cream in the throat. Opens 8 large round somewhat ruffled, waxy blooms.

Gen. Douglas MacArthur. Light salmon-rose. Tall, strong grower with up to 8 6-in. round, somewhat ruffled, blooms open at once.

King William. A soft salmon and apricot blending beautifully into a clear unmarked cream throat. It is a tall, healthy, vigorous grower.

Lady Jane. Clear cream with yellow lip petals which gives the flower the appearance of yellow. Open 6 to 8 large slightly ruffled blooms at once.

Maid of Orleans. Beautiful milky white with cream throat. Tall, straight plant with up to 8 large blooms open.

Margaret Fulton. Superb, early blooming salmon-pink. A distinctive shade, different than the color of any other variety. Opens 6 to 8 blooms at once.

Modern Times. Light wine-red with two creamy yellow lines on the lip. Opens 6-8 blooms of heavy texture on a tall, strong plant. A color everyone likes.

Ogarita. Huge rose-salmon. Has been grown 7 feet tall with 45-inch flower head. Opens 8 large blooms of heavy substance.

Peggy Lou. Lovely soft blue-toned deep pink of Picardy type. Many large florets open on a long spike.

Picardy. Clear soft salmon with flesh throat on which is a soft inconspicuous feathering of rose. 7 to 9 very large well placed blooms open at once. The most popular variety grown.

Red Charm. One of the best medium reds. Opens 8-9 well placed blooms on a tall, straight stem.

Rosa Van Lima. A pure, clear pink of such loveliness as is seldom seen. A touch of light lavender in throat.

Silentium. An excellent white with carmine feather in throat. Tall, straight spike with 5 to 7 blooms open at a time.

Snow Princess. One of the finest of the creamy whites. Has long spikes with about 6 large florets well arranged open at once.

Spotlight. Dark golden yellow with a small flaming scarlet blotch. Opens 6-7 on a very tall straight willowly spike.

Stoplight. Clear brilliant red of good texture. Flat, wide open and well placed, slightly ruffled blooms on a tall spike.

Valeria. Light scarlet of a different shade. Opens 5-7 slightly ruffled blooms.

Wanda. Light creamy sport of Picardy with slight lines in the throat.

White Gold. Very large clear light cream shading to a golden throat. 4 to 6 enormous well placed blooms on a long flower head. Can be grown to amazing size.

Yellow Beauty. Very early clear light yellow. 6 to 8 well placed blooms on a tall plant.

Mixture. A mixture of popular, named varieties, selected from all classes, unsurpassed in diversity of colors, and types of blooms. Each, 8c; doz., 75c; 100, \$5.00





IF IT'S GIANT SIZE AND BEAUTY BEYOND DESCRIPTION— We Recommend ————— Dahlias

LARGE FLOWERING VARIETIES

- Atomique.** (C). Fine new pure white Each, 65c.
- Berger's Masterpiece.** (C). Soft lavender-pink. Each, 65c.
- Bronze Ball.** (Ball). Bronze. Each, 30c.
- Bonnie Blue.** (Ball). Lavender-blue. Each, 30c.
- Clara Clemens.** (Ball). Red and white bicolor Each, 60c.
- Commando.** (FD). Large, deep lavender. Each, 50c.
- Crown of Gold.** (Show). Striking combination of yellow and red. Each, 50c.
- D. Day.** (FD). Soft clear pink Each, 50c.
- Deuil Du Roi Albert.** (FD). Purple and white bicolor. Each, 60c.
- Dixie Wine Dot** (ID). White and wine-red variegated. Each, \$1.00.
- Edgar Guest.** (SC). Sulphur-yellow Each, 75c.
- Five Star General.** (FD). Very large amaranth-pink. Each, \$1.25.
- Gallant Fox.** (FD). Rich red. Each, 25c.
- General J. J. Pershing.** (SC). Jasper-red. Each, \$1.25.
- Jane Cowl.** (ID). Bronze, apricot and gold Each, 60c.
- Jane Lausche.** (SC). Very large pale lavender tipped white. Each, \$1.25.
- Kentucky.** (FD). Salmon-pink. Each, 50c.
- Kirsten Flagstad.** (FD). Very large golden yellow. Each, \$1.00.
- Lakeside Beauty.** (FD). Pink and yellow blend. Each, 75c.
- Lemonade.** (FD). Bright canary-yellow. Each, 50c.
- Le Toreador.** (FD). Bright red. Each, 30c.
- Maffie.** (SC). Very large rich red. Each, 85c.
- Miss Belgium.** (C). Burnt orange. Each, 25c.
- Mrs. I. De. Ver Warner.** (FD). Lilac-rose. Each, 40c.
- Mrs. Van Iersel.** (C). White. Each, 65c.

- Nancy Ann Mitchell.** (C). Scarlet. Each, 75c.
- Ogden Reid.** (ID). Very large rose and gold. Each, 75c.
- Pola Negri.** (C). Purple-garnet. Each, 65c.
- Snowstorm.** (F). Fine new white from Holland. Each, 50c.
- Sunburst.** (ID). Large yellow shaded buff. Each, \$1.00.
- Troef.** (FD). Medium sized violet. Each, 50c.
- Victory Day.** (C). Cherry-red. Each, 65c.
- Watchung Giant.** (ID). Deep golden yellow. Each, 35c.
- White King.** (FD). Pure white. Each, 35c.
- Yellow De Luxe.** (ID). Rich buttercup-yellow. Each, 50c.
- Mixed Dahlias.** Our special assortment of large flowering Dahlias. Postpaid, \$3.00 per doz.

MINIATURES

- Baby Sagamore.** (MFD). Golden yellow. Each, 35c.
- Coralette.** (MFD). Clear coral. Each, 40c.
- Ike.** (MFD). Rich red, very long stems. Each, 30c.
- Marshall's Gloria.** (S). Red and white bicolor. Each, 35c.
- New Roseata.** (MFD). Deep rose-pink. Each, 40c.
- Roxana.** (MFD). Rich purple. Each, 45c.
- Target.** (MSC). Rich bronze. Each, 35c.
- White Fawn.** (MFD). Pure white. Each, 25c.

POMPONS

- Amber Queen.** Fine bronze. Each, 25c.
- Betty Anne.** Best small pink. Each, 40c.
- Johnny Peppin.** Dark red. Each, 35c.
- Little Herman.** Red and white. Each, 25c.
- Little Snow White.** Best white Pompon. Each, 40c.
- Mary Munns.** Orchid. Each, 25c.
- Yellow Gem.** Canary-yellow. Each, 35c.

The initials behind each variety designate: (ID) Informal Dec.; (FD) Formal Dec.; (C) Cactus; (SC) Semi-Cactus.



Regal Lily

Hardy Garden Lilies

Regal (*Lilium Myriophyllum*). It is a pure waxy white, with a lemon-yellow throat and a trumpet about 6 inches long, and when the flower is fully developed, it is about 7 inches across; 2 to 2½ inches in diameter. **Each, 30c.**

SPECIOSUM ALBUM. The best late flowering, pure white, hardy garden Lily; of easy culture. The graceful stems and foliage are set off to wonderful advantage by the pure white blooms. **Each, \$1.00**

Speciosum Rubrum or Roseum. Delicate pink, almost white, spotted red; one of the old garden favorites. Height 3 feet. Flowers in August and September. **Each, 45c.**

Auratum (Golden Banded Lily). Enormous, measuring frequently 8 to 12 inches across; pure white, spotted crimson, each petal marked in the center with a band of yellow. Flowers in August; delightfully fragrant. **Each, 45c.**

Amaryllis

(Delivery Spring or Autumn)

Giant American Hybrids. These are for planting in pots only. The flowers are well rounded with overlapping petals and a wide range of colors, 4 to 6 blooms on a stem. **Each, 60c.**

Dwarf Tuberosa

An Improved Strain.

Bulbs may be started in the house for early flowers, or they may be planted in the open border, but not earlier than June in this latitude.

Excelsior Dwarf Pearl. Improved strain; plant of dwarf habit; blooms earlier and flowers are more double than old strain. **Extra large bulbs, postpaid, each 15c.**

Caladium Esculentum

(Elephant's Ear)

Giant decorative leaves, rich bright green. Soft velvety texture. Splendid for mass planting in shaded locations. Do not plant outdoors until after May 1st. **Each, 30c.**

Tuberous-Rooted BEGONIAS

Large Bulbs, 2 Inches Diameter.

Desirable for shady places. Start in the house early and set plants in the open ground about the last of May. They will bloom soon and profusely and continuously until frost. Keep constantly moist.

Double Varieties. Crimson, pink, white, coppery, rose, scarlet, orange, yellow, salmon. **Each 25c; doz., \$2.40.**



Cinnamon Vine

Cinnamon Vine

Grows 15 to 30 feet. The leaves are green, with a tinge of bronze. The flowers are white, borne in clusters. The vine dies at the end of the season, but the root is hardy. **Postpaid, extra large roots, 12c each; 3 for 35c; doz., \$1.20.**

Madeira Vine

A rapid-growing climber with beautiful, thick, glossy waxlike leaves and bearing profusely in graceful, feathery racemes white flowers which have a fragrance resembling Mignonette. Plant when ground becomes warm. Store tubers in a cold, dry place during winter.

Postpaid, 12c each; doz., \$1.20.

Shade and Ornamental Trees Straight Trunks - Beautifully Branched Well Rooted

Prices at the nursery in Westfield, Mass., and a charge will be made for packing. Heavy shipments will require boxing or crating. When boxes are charged, they may be returned for credit.

	Each		Each
AMERICAN ELM		SILVER MAPLE	
8 to 10 ft.	\$2.75	6 to 8 ft.	\$2.50
10 to 12 ft.	3.50		
CHINESE ELM		SUGAR MAPLE	
6 to 8 ft.	2.00	10 to 12 ft.	7.50
FLOWERING CRAB		WHITE FLOWERING	
APPLE		DOGWOOD	
4 to 5 ft.	2.50	2 to 3 ft.	2.50
NORWAY MAPLE		CUTLEAF BIRCH,	
8 to 10 ft.	6.00	WEeping	
10 to 12 ft.	7.50	5 to 6 ft.	4.50
CRIMSON KING		SAUCER MAGNOLIA	
MAPLE		2 to 3 ft.	6.00
6 to 8 ft. whips only	5.00		
JAPANESE CHERRY		LABURNUM	
KWANSAN		GOLDEN CHAIN	
6 to 7 ft.	6.00	6 to 7-ft. whips	4.00

Raffia for Tying

Raffia is the straw colored inner skin of a Palm found in Madagascar. It is very strong and tough, but soft and flexible, which makes it the very best material for tying vegetables, plants, vines, etc. It is better than twine, as it does not cut the plants and is much stronger. It is also used for making baskets. Raffia comes in hanks of from 2 to 5 pounds. We offer the best grade. **Price, per lb., 50c, not postpaid.**



Flowering Shrubs *for Every Home Purpose*

WE DO NOT PAY TRANSPORTATION ON NURSERY STOCK ORDERS UNLESS NOTED

Items Listed Are Sent Direct to You From the Growers

PARCEL POST CHARGE: Add 20c for one plant; 5c for each additional plant. Large orders will be sent express collect.

ALTHEA, Pink, Purple or White. One of the latest of flowering shrubs. Blooms are large and very attractive. 3-4 ft., \$1.00 each.

BUDDLEIA, Charming. A splendid new form. Easily the finest of all Buddleias because of its massive spikes of purple flowers, each illuminated by a brilliant golden eye. Vigorous, free flowering, hardy type. 2-3 ft., 75c each.

FORSYTHIA (Golden Bell). A profusion of brilliant yellow, bell-shaped flowers before the leaves appear. One of the earliest bloomers. A harbinger of spring. No planting complete without Forsythia. 3-4 ft., \$1.00 each.

DEUTZIA, Pride of Rochester. A tall growing shrub suitable for specimen or border planting. White bell-shaped blossoms, tinted pink. 3-4 ft., \$1.00 each.

HONEYSUCKLE. Pink or White. Medium early bloomer. followed by a profusion of berries that attract robins and other berry-eating birds. 2-3 ft., 75c each.

HYDRANGEA P. G. Large, pinkish white panicles which literally cover the bush. Blooms late. Very attractive. 2-3 ft., \$1.00 each.

HYDRANGEA A. G. (Hills of Snow). Ball-shaped, snow-white flowers. 18-24 in., 75c each.

JAPAN QUINCE. Showy scarlet flowers which often obscure the foliage and branches. Very attractive. 18-24 in., 75c each.

KOLKOWITZIA Amabilis (Beauty Bush). One of the finest of the newer shrubs, producing long sprays of graceful foliage. Flowers are delicate pink, similar in shape to those of the Weigela, but much smaller. Although a rapid grower, it does not bloom profusely until it becomes thoroughly established. 18-24 in., \$1.00 each.

LILACS, Purple or White. An old-fashioned shrub which requires no introduction. 18 to 24 in., 60c each.

PERSIAN LILAC. A free blooming graceful shrub about 8 feet tall, with refined foliage, smaller than the other Lilacs. The flowers are borne in great profusion. Laven-der-blue flowers opening late in the spring. 2-3 ft., \$1.00 each.

ROSA HUGONIS (Golden Rose of China). Graceful shrub 5 to 6 ft. tall. May blooming, covered with soft yellow single flowers with a delicate fragrance. 18 to 24 in., \$1.00 each.

SNOWBERRY, Red (Coralberry). Desired for its berries which traverse the stems in unique style. Attracts birds and feeds them abundantly. 2-3 ft., 75c each.

SNOWBERRY, White. Large, white berries that remain far into the winter. Like its companion, Red Snowberry, is especially adapted to shady places. 2-3 ft., 75c each.

SPIRAEA Froebeli. Red flowers. Medium grower and works in advantageously with other shrubs. 18-24 in., 65c each.

SPIRAEA Van Houttei. The most popular of all shrubs. A mass of white blooms in May or early June. The King of the Spiraeas. 2-3 ft., 75c each.

SYRINGA (Mock Orange). A tall growing, free flowering shrub of stately beauty and delicate fragrance. Large, white, starlike blooms with yellow center. 2-3 ft., 75c each.

SYRINGA, Virginal. Similar to Mock Orange but with large blossoms. Does not grow quite so tall. 2-3 ft., \$1.00 each.

WEIGELA Rosea (Pink Weigela). This is an old favorite. Medium to tall growing shrub, covered in June with a profusion of rose colored flowers. Very showy for the shrub border. 2-3 ft., 75c each.

WEIGELA, Bristol Ruby. Pat. No. 492. Sparkling ruby-red to crimson flowers produced in immense quantities in the spring and again late summer. About 6 feet tall. 2-3 ft., \$1.50 each.

Climbing Vines

Very useful for porch shade and wall or fence covering.

AMERICAN BITTERSWEET. 2-year roots. 75c each.

AMPELOPSIS Veitchi (Boston Ivy). Will cling to brick or concrete walls or chimneys. Each 75c; 10, \$6.00.

CLEMATIS Paniculata. Glossy dark green foliage, and covered in the latter part of the summer with starlike, white flowers; fragrant. Each 75c; 10, \$6.00.

HALL'S JAPAN HONEYSUCKLE. White blossoms turning to a bright yellow. Trumpet shape. A fast grower with dense foliage. Each 50c; 10, \$3.80.

Hedge Plants

CALIFORNIA PRIVET

Japanese Barberry	Each	10	100
1½ to 2 ft.	\$0.60	\$5.00	\$45.00
2 to 2½ ft. ....	.75	6.75	60.00
Ibodium Privet			
1½ to 2 ft.	\$0.35	\$3.00	\$24.00
2 to 3 ft. ....	.45	3.50	30.00



FRUIT for Farm and Suburban Homes

We do not send Shrubs, Plants or Trees C. O. D. We do not pay transportation on Nursery stock unless so offered. It is sometimes necessary for the Nursery to make a charge for packing as Nursery stock must be carefully protected for shipment. This cost will be added to the price of Trees or Shrubs.

Orders are shipped direct from the nursery at Westfield, Mass., by parcel post or express. Add 20c for first tree by parcel post; add 10c for each additional tree. If the order is too large for parcel post, it will be sent express collect.

APPLE TREES

Only the Best Varieties Listed

All trees are standard size.

2-year Apples, \$1.50 each;
\$12.50 per 10.

Baldwin. Red. Winter. An old favorite.

Cortland. Red. Autumn. Similar to McIntosh. Two weeks later.

Northern Spy. Winter. Red and yellow striped. One of the best eating Apples.

Red Delicious. Winter. Red. Superior to regular Delicious.

McIntosh. October to January. Red. One of the best.

Early McIntosh. Vigorous growth, ready late August, fine for home orchard.

Red Gravenstein. Autumn. Red striped with yellow. Excellent for pies.

Wealthy. Deep red; white flesh.

Delicious. Large, red.

PEACHES

All Freestone. 5-6 ft., \$1.00 each.

Hale-Haven. Yellow.

Golden Jubilee. Yellow.

Elberta. Yellow.

J. H. Hale. Yellow.

Belle of Georgia. White.

Early Elberta. Yellow.

BLACKBERRIES

Transplants, doz., \$2.40; 100, \$15.00.

Alfred. New, seedless, large black.

Eldorado. Extra fine and very hardy; large, sweet berry.

Postage, 15c per doz.

BLUEBERRIES

Cultivated Varieties

2-2½ ft., large paper pots,
\$1.75 each; \$15.00 per 10.

Jersey. Large; ripening midseason.

Rancocas. Large; early July.

Rubel. Vigorous; large berries in early July.

Concord. Large; midseason.

Stanley. Midseason, large berry, good color, fine flavor.

CHERRIES

2-year, \$1.50 each.

SOUR

Montmorency. Red.

SWEET

Schmidt's Biggareau. Black; heart-shaped.

Napoleon. Large yellow.

Windsor. Large, liver colored.

Black Tartarian.

PEARS

Plant These Juicy, Tender, Richly Flavored Pears. Enjoy Delicious Fruit No. 1 Grade, Standard,

2-year, \$1.50 each.

Bartlett. An every purpose Pear. Excellent for canning. Fruit large, pyramidal. August and September.

Seckel. Small; attractive in color. Tree vigorous; bears late.

Sheldon. Round in form. Dark green covered with russet. Rich flavor. The tree is a vigorous grower. Unexcelled for home planting. October and November.

Clapp's Favorite. Late summer, lemon yellow, very juicy, delicious flavor.

CRAB APPLES

6 to 7 ft., \$1.50 each.

Hyslop. Dark crimson; large.

Transcendent. Red.

STRAWBERRY PLANTS

Extra Strong Roots—For Berries Next Year—Plants are Freshly Dug for Each Order.

Grown in Worcester County.

Prices are Postpaid.

Runner Plants only—25 plants for \$1.25; 50 for \$2.25; 100 for \$4.00.

Catskill. Midseason. An old standard variety. Rich color.

Fairfax. Early. Uniform large fruit.

Howard 17. Early. A best early; pointed berry. Very short supply for 1952.

Robinson. Midseason. Scarlet-red, firm berry.

Sparkle. Midseason, very hardy plant, firm bright red berries, delicious flavor.

EVERBEARING VARIETIES

25 plants, \$1.75; 50 for \$3.25;

100 for \$6.00.

Streamliner. Jumbo size; very sweet; glossy red.

GRAPE VINES

2-year, 50c each; \$4.50 per 10.

Brighton. Red.

Caco. Red.

Concord. Blue-black.

Delaware. Red.

Diamond. White.

Fredonia. Early. Blue-black.

Green Mountain. White.

Moore's Early. Blue-black.

Niagara. White.

Worden. Blue-black.

PLUMS

No. 1 Grade, 1-yr., 11/16 inch,
\$1.50 each.

JAPANESE PLUMS

Abundance. Medium size; bright cherry-red.

Burbank. Large, nearly globular; clear cherry-red.

EUROPEAN PLUMS

German Prune. Dark purple.

Stanley Prune. Large, dark blue, greenish yellow flesh; sweet; free-stone.

RASPBERRIES

Transplants, doz., \$2.75; 100, \$18.00
Indian Summer. The best everbearing red Raspberry. Produces two crops in one year.

Latham. Fruit is of large size, deep red.

Postage 20c per doz.



EZY WEAR GARDEN GLOVES

Soft as Kid
Durable
Washable

Price: small, medium or large, \$1.65 per pair.
Postpaid for \$1.75.

VEGETABLE SEED INFORMATION

PLANTING DATES — DISTANCES — MATURITIES

CROP	VARIETY	DAYS TO MATURITY	AMOUNT OF SEEDS OR PLANTS PER 100 FT. ROW	DATES SEEDS OR PLANTS MAY BE PLANTED*	INCHES BETWEEN ROWS	INCHES BETWEEN PLANTS	PLANTING DEPTH INCHES	REMARKS	
*BEANS	Stringless Greenpod.	40-60	1 lb.	May 1—July 15	30	2-4	1	Can be planted in hills 4 seeds every 12 inches	
	Pencil Pod Wax.	40-60	1 lb.	May 1—July 15	30	2-4	1		
	Bountiful.	40-60	1 lb.	May 1—July 15	30	2-4	1		
	French Horticultural.	75-85	1 lb.	May 15—July 1	30	2-4	1		
	Fordhook Bush.	75-85	1 lb.	May 15—June 15	30	2-4	1		
	Kentucky Wonder.	65-75	1/2 lb.	May 15—June 15	36	24 hills	1		Use 4 plants to one pole
	Crosby Egyptian.	60-70	1 oz.	Apr. 15—Aug. 1	12-15	2-4	1/2		Use thinnings for greens
	Detroit Dark Red.	60-65	1/4 oz.	Apr. 15—July 15	36	18	1/2		6 to 8 plants enough for family
	Italian Green Sprouting.	60-70	1/4 oz. or 66 plants.	Apr. 1—July 15	24	18	1/2		Can also be used for late crop
	Danish Ballhead.	100	1/4 oz. or 50 plants	July 1—July 15	36	24	1/2		
*CARROTS	Imperator.	70-75	1/2 oz.	Apr. 15—July 15	12-15	2-4	1/2	Chantenay and Imperator for early	
	Early Chantenay	50-60	1/4 oz.	Apr. 15—July 15	30	18-24	1/2	Danvers for storage	
*CAULIFLOWER	Danvers Half Long.	115-120	1 pkt. or 600 plants.	Apr. 25—July 15	24-30	6-8	1/4	Blanch with paper or boards	
	Pascal or Utah.	120-125	1 pkt. or 600 plants.	July 1—July 15	30	6-8	1/8	Bank with soil or store for winter	
*CELERY	Golden Early Market.	70-80	1/4 lb.	May 1—July 1	30	24 hills	1	Plant 3-4 plants per hill	
	Golden Bantam.	90	1/4 lb.	June 1—July 1	36	24 hills	1	Make 2 or 3 plantings at 2 week intervals	
*CUCUMBERS	Straight Eight or White Spine.	60-65	1/2 oz.	May 15—June 1	48	48 hills	1/2	3-4 plants per hill	
	White Big Boston.	75-85	1/4 oz.	Apr. 15—July 15	12-18	10-15	1/4	Plant New York only in April and set plants if possible	
	New York No. 12.	100-120	1 oz.	Apr. 15—May 15	13-15	2-3	1/2	Can be used for green onions	
*ONIONS	Danvers Yellow Globe.	85-90	2 qts.	Apr. 1—May 15	13-15	2-3	1-2	Will keep in ground all winter	
	White or Yellow-Union Sets.	120-125	1/2 oz.	Apr. 15—May 15	24	2-4	1/2		
*PARSNIP	Hollow Crown.	60-65	1 lb.	Apr. 1—Apr. 30	30	1-2	1-2	Must be brushed	
	Laxton's Progress.	70-75	1 lb.	Apr. 1—Apr. 30	36	1-2	1-2	Start seed in hotbed	
*PEAS	Telephone.	70-75	1 pkt.	May 15—June 1	30	12-18	1/2		
	World Beater.	85-110	1/2 pk.	May 1—June 1	30	12	1/2	Late varieties best for winter storage	
*POTATOES	Irish Cobbler.	25-28	1 oz.	Apr. 1—Aug. 15	12	1	1/4	Plant frequently in small amounts	
	Green Mountain.	1 year.	50	Apr. 15—May 15	36	24	3-4	Crowns covered 3'-4"	
*RADISHES	Scarlet Globe.	40-45	1 oz.	Apr. 1—Aug. 15	12	1-2	1/4	Shoots to seed in July and August	
	Victoria.	55-60	1/2 oz.	May 10—May 30	48	48 hills	1/2	3-4 plants per hill	
*RHUBARB	Des Moines (Table Queen)	100-110	1/2 oz.	May 15—June 1	72	60 hills	1/2	3-4 plants per hill	
	Delicious or Hubbard.	70-75	1 pkt.	May 25—June 1	36	24	1/4	Start in hotbed Mar. 1-15. Stake and prune to one stem	
*SPINACH	Bonny Best.	55-60	1/2 oz.	Apr. 15—July 15	30	2-4	1/2	Plant as late as August.	
	Marglobe.	55-60	1/2 oz.	May 15—June 15	36	4-6	1/4	Plant not later than July	
*SQUASH	Purple Top Flat or Globe.	70-75	1/4 oz.	Apr. 15—July 15	30	2-4	1/2		
	American Purple Top.	70-75	1/4 oz.	May 15—June 15	36	4-6	1/4		
*TURNIP	Comet (Trellis).	55-60	1/2 oz.	May 10—May 30	48	48 hills	1/2		
	Comet (Trellis).	55-60	1/2 oz.	May 15—June 1	72	60 hills	1/2		
*RUTABAGAS	Delicious or Hubbard.	100-110	1/2 oz.	May 15—June 1	120	96	1/2		
	Bonny Best.	70-75	1/2 oz.	May 25—June 1	36	24	1/4		
*TOMATO	Marglobe.	55-60	1/2 oz.	Apr. 15—July 15	30	2-4	1/2		
	Comet (Trellis).	55-60	1/2 oz.	May 15—June 15	36	4-6	1/4		
*TURNIP	Purple Top Flat or Globe.	70-75	1/4 oz.	Apr. 15—July 15	30	2-4	1/2		
	American Purple Top.	70-75	1/4 oz.	May 15—June 15	36	4-6	1/4		

*Make several plantings. Do not plant too much at one time.
 **Planting dates are based on state-wide conditions and therefore must be adjusted to that part of the state where gardener is located.

We list the following items subject to our being able to obtain from the manufacturer. The sale is also subject to any regulations of the N. P. A. at time of delivery.

HERE'S THE PLANT FOOD FOR GRASS!

It's used by more home gardeners and professional gardeners than any other plant food . . . it's Vigoro Complete Plant Food.

Vigoro* helps grass develop deep growing roots and fine, thick top growth that stands up well! Vigoro supplies all of the vital nourishment growing plants must get from the soil for the best growth and development.

FOR FLOWERS, SHRUBS, TREES, AND VEGETABLES, TOO!

Everything you grow needs balanced and complete nourishment to grow best. Be sure your lawn and gardens have a complete diet . . . feed them Vigoro.

Made by SWIFT & COMPANY

*Vigoro is Swift's trademark for complete plant food.

VIGORO PRICES

100 lb. bag	.....	\$4.75
50-lb. bag	.....	3.00
25-lb. bag	.....	1.80
10-lb. pkg.	.....	.95
5-lb. pkg.	.....	.53
1-lb. pkg.	.....	.15

INCLUDE VIGORO IN YOUR SEED ORDER!

Vigoro Spreaders



END-O-PEST . . . all the protection most gardens need against the three major types of pests—chewing insects, sucking insects and fungus diseases. Comes ready to use in a handy dust gun of new and exclusive design, and in economy size for larger areas.

PRICES

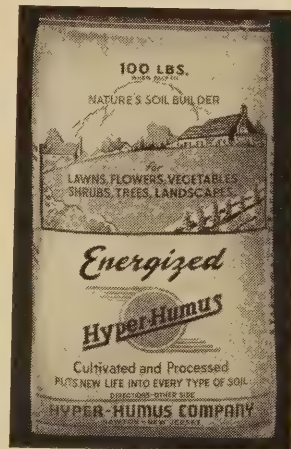
Dust Gun Package	.....	\$0.85
Refill Cartridge	.....	.65
Pouring Spout Package (2 lbs.)	.....	1.79



END-O-WEED . . . improved selective lawn weed control destroys over 100 different weeds—roots and all. Will not harm ordinary grass. Just mix with water, then spray, using "Side Spray" applicator or any other spraying device.

Prices: Half-pint can, 98c; Quart can, \$2.69. "Side Spray"—Sprays measured

amount of End-o-Weed to the side as you walk along. No wet feet! 29c.



HYPER-HUMUS

Cultivated - Energized Nature's Organic Soil Conditioner

Clean—Ready to Use—Weed-Free—High in Organic Matter—Non-Acid—Odorless—Concentrated. "Revitalizes Your Soil." For luxurious lawns, flower and vegetable gardens, shrubs and trees.

Use — HYPER-HUMUS

Sealed in Polyethylene-lined bags. 100 lbs., \$3.75; 50 lbs., \$2.20; 25 lbs., \$1.35.

FERTILIZER SPREADERS

Model BR. 18-inch spreading width; capacity 25 lbs. Rubber tired wheels. Price: \$10.43.

Model "Junior." 18-inch spreading width; capacity 50 to 60 lbs. plant food. 10x1.25 semi-pneumatic rubber tired wheels. Price: \$13.24.

Model "Standard." 24-inch spreading width; 80 to 90 lbs. capacity. 12.50x2.50 semi-pneumatic rubber tired wheels. Price: \$43.90.

Model "Special." 36-inch spreading width; 110 to 120 lbs. capacity. 12.50x 2.50 semi-pneumatic rubber tired wheels. \$56.78.

All prices subject to change without notice.

General List of Fertilizers and Soil Builders

Old Deerfield Fertilizers

We highly recommend Old Deerfield Fertilizer.
GRASS 7-7-7; POTATO 5-10-10; CORN 4-12-8; ONION 5-10-5; ALL CROPS 5-8-7. Prices on request.
LEE MAGNESIUM GROUND LIMESTONE. A magnesium limestone particularly suitable for soils showing a deficiency of magnesium. Price per 100-lb. bag, \$1.15; 500 lbs., \$5.25. Ton prices on request.
AGRICULTURAL HYDRATED LIME. Price: 50-lb. bag, 95c; 100 lbs., \$1.75. Ton prices on request.
CHEMICALLY HYDRATED LIME. For spraying. Price: 50-lb. bag, \$1.10; 100 lbs., \$1.95. Ton prices on request.
SUPER PHOSPHATE 20%. Per bag, 100 lbs., \$2.75.
PEAT MOSS FOR HORTICULTURISTS. Finely ground (granulated) peat is of recognized value to the florist, gardener or nurseryman. Market price.
FINE GROUND BONE. 5-lb. bag, 70c; 10-lb. bag, \$1.30; 100-lb. bags, subject to availability and price.
CALCIUM CHLORIDE. Dust layer and surface binder. One bag will cover about 50 square yards. Used also as an anti-freeze. Sold in 100-lb. bags only. 100-lb. bag, \$3.45. Prices for larger quantities on request.
TOBACCO DUST. Fine, ground; for greenhouse use this is one of the best articles for dusting all kinds of plants that are affected with insects of any kind. Per bag of 100 lbs., \$5.00; 50-lb. bag, \$2.75; 5 lbs., 60c.

Tri-Ogen Rose Food

For better roses. A 5-10-5 rose food made from organic (long lasting) and inorganic (quickly available) materials. Also contains the essential minor elements necessary to plant growth. Price: 5-lb. bag, \$1.00; 10-lb. bag, \$1.60; 25-lb. bag, \$3.00; 50-lb. bag, \$5.00.



Soilfume Caps NIAGARA CODE 931 A Soil Fumigant

100% Ethylene Dibromide—for use in control of wireworms and nematodes in garden and greenhouse soils. 100 capsules will treat 100 sq. ft. Recommended by experiment stations. Price: jar 100 caps, \$2.00; jar 200 caps, \$3.25.



Stim-U-Plant

PLANT FOOD TABLETS

Prices: 30-tablet pkg. 35c; 100-tablet pkg., \$1.00; 1000-tablet pkg., \$5.00. Add 10c for postage.

NIAGARATHAL

We have the new Endothal Formulations which have shown excellent promise in control of clover on golf turf or as defoliant for nursery stock. Ask us for further information on Niagarathal W and Niagarathal DF liquid.

Adco—For Making Artificial Manure

150 lbs. of Adco converts leaves, garden refuse or other waste vegetation into 3 tons of artificial manure by a simple composting method. Home owners, vegetable growers or florists can profit by its use. 5-lb. pkg., \$1.60; 20-lb. bag, \$3.75; 100 lbs., (5-20's), \$18.50.

Pulverized Sheep Manure

A standard dressing for lawns, also excellent for shrubs and flowers. Apply at the rate of about 50 lbs. per 1000 sq. ft. Prices: 25-lb. bag, \$1.40; 50-lb. bag, \$2.35; 100-lb. bag, \$3.95; ton, \$69.00.

Farmanure

A natural all-purpose, all-organic manure fertilizer composed of Peat Moss, Poultry Manure and Cow Manure, blended together. Combines an organic plant food with a moisture holding humus. Clean, easy to use, no weed seeds, and will not burn. Fine enough to go through any fertilizer spreader. A 50-lb. bag sufficient for top dressing about 1500 sq. ft. of lawn and for feeding about 1000 sq. ft. of garden. Prices: 7½-lb. bag, 75c; 25-lb. bag, \$1.50; 50-lb. bag, \$2.45; 500 lbs., \$23.50; 1000 lbs., \$45.00.



Nit.	A.P.A.	Pot.	Prices Quoted on Request
4	12	8	
5	8	7	
5	10	10	
4	12	4	
7	7	7	

20% Super Phosphate—Nitrate of Soda

Home Plant Food

By **ARMOUR**



Armour VERTAGREEN Plant Food

New Beauty, New Success, With All Growing Plants

"Vertagreen" is a scientifically prepared, complete plant food made especially for lawns, flowers, shrubs, fruits, vegetables and trees. It contains in concentrated, readily available forms, major and minor plant food elements needed for healthy, vigorous growth. As combined in Vertagreen, these elements make an amazing difference in plant germination, growth health and beauty. Price:

100-lb. bag, \$4.75;
 50-lb. bag, \$3.00;
 25-lb. bag, \$1.80;
 10-lb. bag, 95c;
 5-lb. bag, 55c;
 1-lb. bag, 15c.

Vertagreen is a high quality, scientifically blended plant food, for lawns, flowers, shrubs, trees, vegetables. Contains nitrogen, phosphorus and potash, besides several other important plant food elements. Clean, odorless, easy to apply. Used with outstanding success by thousands.

Bovung is Cow Manure in a Convenient and Concentrated Form

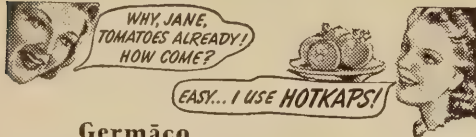
- * BOVUNG is absolutely free from live weed seeds.
- * BOVUNG can be applied without fear of burning or harmful results.
- * BOVUNG supplies plant food as the plant needs it.
- * BOVUNG is clean, convenient to handle and is reasonable in price.

Prices: 5-lb. bag, 60c; 10-lb. bag, \$1.05; 25-lb. bag, \$1.50; 50-lb. bag, \$2.85; 2 bags (or 100 lbs.), \$5.50; 500 lbs., \$26.50; 1,000 lbs., \$49.00; ton, \$93.00.



General List of Fertilizers and Soil Builders

Arnold Sprayers and Cartridges



Germaco

Hotkaps

HELP YOU GROW EARLIER, HARDIER VEGETABLES and FLOWERS

Germaco HOTKAPS—strong little hot houses—protect plants from destructive frost, storms, insects. University Agricultural Experiment Station tests prove HOTKAPS increase total yield 18% to 51%, promote bigger fruits and vegetables, ripen plants 3 weeks earlier. Quick, easy to set, instructions on package. 100 million used by successful growers. Beat everyone with first vegetables, flowers. Order today. 25 Hotkaps with cardboard setter, 95c. Postage extra.

Market Growers: University tests prove Germaco HOTKAPS nearly double your early marketable yield per acre, help you get highest out-of-season prices. Premium profits pay for them many times over. Crop failure is costly—HOTKAPS protection is cheap! Order today.

Millions of HOTKAPS are used every season. Inexpensive to buy. One man can set out 2000 or more per day.

1,000 lots, \$18.35; 5,000 lots, \$18.20 per M; 10,000 lots, \$18.05 per M; 25,000 lots, \$17.90 per M; 250 Pkg. with Fiberboard Setter, \$5.90; 100 Pkg. with Fiberboard Setter, \$3.15; 25 Home Garden Pkg. with Setter, 95c; Steel Setter, \$1.95; Fiberboard Garden Setter, 20c.

Weight: 1000 package HOTKAPS, 33 lbs.; 250 package, 10 lbs.; 100 package, 5 lbs.; Home Garden Package, 2 lbs.; Steel HOTKAPS Setter, 4 lbs.

Postage extra. Write for Free Booklet.



ARNOLD GARDEN HOSE SPRAYER. Stationary nozzle, chrome finish. \$5.50 each.

ARNOLD GARDEN HOSE SPRAYER. Stationary nozzle, brass finish. \$5.00 each.

For either of the above sprayers with adjustable nozzle, add \$1.00.

CRYOLITESPRAY CARTRIDGE. A non-poisonous control for chewing insects. 40c each; 12 for \$4.80.

WEED-O-SPRAY CARTRIDGES. Weed-O-Spray cartridges contain a chemical known as 2-4-D. 40c each; 12 for \$4.80.

ARSEN-O-SPRAY. For the control of all chewing insects. 40c each; 12 for \$4.80.

SULPH-O-SPRAY. Will control fungous diseases which can be controlled by a sulphur spray. 40c each; 12 for \$4.80.

FUNGUSPRAY. A bordeaux spray for the control of certain leaf spots and blights. 40c each; 12 for \$4.80.

VITAMIN B1. A stimulant for root growth on all types of plants. 40c each; 12 for \$4.80.

P-R (Pyrethrum-Rotenone). For control of Aphis, Bean Beetle, Rose Chafer, Thrips, etc. 40c each; 12 for \$4.80.

"ARNOLD" DDT CARTRIDGES. 40c each; 12 for \$4.80.

MILORGANITE

The Ideal Fertilizer

FOR LAWNS, GARDENS, FLOWERS, SHRUBS and TREES

By using Milorganite you can have a finer, more luxuriant lawn—deep green grass of uniform color and growth, weed-free turf of velvety texture. Promotes steady, uniform growth. Milorganite "has what it takes" for healthy continuous plant growth. 100-lb. bag, \$4.25; ½-ton lots, \$3.95 per 100 lbs.; ton lots, \$73.00 per ton; 50-lb. bag, \$2.65; 25-lb. bag, \$1.60.



Old Deerfield Lawnshrub Fertilizer 6-5-5

An excellent fertilizer for lawns, shrubs, trees and flowers. Four to five pounds per 100 square feet is recommended as a lawn top dressing. Complete circular on request. Price: Per 100 lbs., \$5.00; per ton, \$92.00.

PLANTABBS

Double-duty plant food in concentrated, odorless easy-to-use tablet form with high analysis of 11% nitrogen, 15% potash, plus vitamin B. For use on all potted plants, flower boxes, garden flowers, and as an added boost to vegetables. They stimulate growth, make more blooms and stronger plants.

Small pkg. (30 tablets), 25c; postpaid, 30c. 75-tablet pkg., 50c; postpaid, 55c. 200-tablet pkg., \$1.00; postpaid, \$1.10. Single carton (1000 tablets), \$3.50; postpaid, \$3.60.

Salem Fertilizer Spreaders

For lawns, gardens, parks, golf courses, cemeteries, etc. Uniformly distribute all dry fertilizers, grass seed, top dressing, chemicals and other granular materials. Well known for their accurate distribution and simplicity of operation.

Salem 16-inch Spreader. Spreading width, 18 in.; hopper capacity, 22 lbs.; rubber-tired wheels, shipping wt., 12 lbs. Price: \$7.50.

Salem 20-inch Spreader. Spreading width, 22 in.; hopper capacity, 40 lbs.; rubber-tired wheels, shipping weight, 19 lbs. Price: \$11.50.

Salem 30-inch Spreader. Spreading width, 30 inches; hopper capacity, 80 lbs.; rubber-tired wheels, 10 inches in diameter; shipping weight, 32 lbs. Price: \$17.50.

Salem Heavy-Duty 36-inch Spreader. Spreading width, 36 inches; capacity, 125 lbs. of fertilizer or other material. Steel wheels 18 inches in diameter with 2½-inch tread. Shipping weight, 80 lbs. Price: \$35.50.



HY-TROUS LIQUID FERTILIZER

ODORLESS—ECONOMICAL—BALANCED

1 Tablespoonful makes 1 Full Gallon

A remarkable liquid fertilizer, this HY-TROUS. Completely balanced . . . concentrated; one tablespoonful makes a gallon of efficient plant food when mixed with water . . . will not burn the most tender root, leaf, or flower . . . easily applied . . . positive in results . . . economical to use . . . completely odorless. For flowers, fruits, vegetables, lawns, shrubs, trees, and house plants.

Marjorie Mills will tell you about Hy-Trous every week over WBZ and the New England Network.

3 ozs. . . \$0.25
8 ozs. . . .59
16 ozs. . . .99
32 ozs. . . 1.79
1 gal. . . 5.95

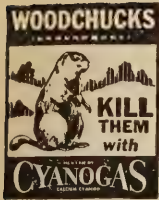
BUY TODAY!

For sturdy, healthy growth in all types of plant-life, use

HY-TROUS

Concentrated Odorless Liquid Fertilizer

Remedies for Insects, Fungus, Etc.



Cyanogas

When exposed to the air, Cyanogas A-Dust gives off gas that kills these destructive pests almost instantly. One whiff is enough for any woodchuck. A heaping tablespoonful in each opening is sufficient. All openings should then be closed.

Cyanogas is also certain death to rats, moles and ground squirrels. 1-lb. can, \$1.00; 5-lb. can, \$3.85; 25-lb. can, \$12.90.

CYANOGAS G. Fumigant for greenhouse fumigating. Price: 5-lb. can, \$3.85; 25-lb. can, \$12.90.

CYANOGAS ANT KILLER. Ants die instantly when you drop a little Cyanogas Ant-Killer into the entrance of the nest. This 4-oz. size contains enough Cyanogas to kill a million ants. 4 ozs., 40c.



"Nico-Fume" Powder Pressure-Fumigator

"Nico-Fume" Powder is now packed in hermetically-sealed cans. It is packed in both 1/2- and 1-lb. cans. Two holes are scored ready to be punched out. A special lighter is attached to the can. 12 1-lb. tins to case, \$7.95; 6 1-lb. tins, \$4.25; 1-lb. tin, 85c; 12 1/2-lb. tins to case, \$4.60; 6 1/2-lb. tins, \$2.65; 1/2-lb. tin, 50c.

Kills Ants in the Nest ANTROL

Antrol is easy to use, economical, safe around children and pets. Consists of small glass containers from which worker ants carry special Antrol syrup to their nests for food. Controls both sweet and grease-eating ants.

Ready Filled Sets, containing 4 filled feeders, 39c.
Syrup, 4-oz. bottle, 20c.



Ready Filled Set



Antrol Ant Traps

Kills both sweet and grease-eating ants as it contains 2 kinds of specially prepared materials, ready to use by simply punching out the perforations on the side of the can. Antrol Ant Traps, 20c each.



ANTROL ANT SPRAY. 2% Chlordane. Price: 1-pt. bottles, 39c each; 1-qt. bottles, 69c each.

HARRIS ORIGINAL ANT BUTTONS. Package, 25c. Postpaid, 35c.

LILLY'S ANT CUPS. Package, 25c, Postpaid, 35c.

BUCKEYE ANTUBE. Economical—Safe—Quick. Used by most all Country Clubs. Household and garden size, 35c. Country Club size, \$1.00 per tube; \$9.25 per doz. tubes.

CONCENTRATED LIQUID LIME-SULPHUR SOLUTION

Use at the rate of 1 gal. to 9 gals. of water for dormant spray of Apples, Peaches and certain ornamentals for control of scale, leaf curl, etc. Also can be used on Apples at summer strength of 1 gal. to 40 gals. of water for scab control on Apple trees. 1 qt., 60c; 1 gal., \$1.80. Weight 12 lbs. 5 gals., \$8.50; 55-gal. drum, prices on application.

SUNOCO SPRAY OIL. For scale insects, aphids and red mite on Apple trees. The ideal petroleum spray is an oil that will form a perfect and permanent mixture with water. 55-gal. steel drum, per gal., 51c; 2 drums or more, 49 3/4c per gal, plus deposit charge of \$6.00 on returnable drum; 5-gal. can, per gal., \$1.30; 1-gal. can, per gal., \$1.60.

SCALECIDE. The quality miscible oil. Dormant spray for trees, shrubs and vines. Used by leading fruit growers. Kills scale, insects, eggs, larvae and disease cankers and fungus spores wintering on the plant. Mixes instantly—dilute 1 to 15. 1 qt., weight 3 lbs., \$1.00; 1 gal., weight 9 lbs., \$2.50; 5 gals., \$8.50; 15 gals., \$20.50; 30 gals., \$32.50; 55 gals., \$47.50, plus deposit charge on 15, 30, 55-gal. drums.

SULFOCIDE. A concentrated liquid sulphur fungicide. Used on both apples and peaches and all kinds of fruits, vegetables and flowers. Controls apple scab, brown rot of peaches, plums and cherries, blight and rot of potatoes, tomatoes, and melons. Used for mildew and rust on flowers and shrubs. Prices: 1 pt., \$1.00; 1 qt., \$1.45; 1 gal., \$3.00; 5 gals., \$9.75; 15 gals., \$22.75; 30 gals., \$40.30; 50 gals., \$66.00, plus deposit charge on 15, 30, 55-gal. drums.

DORMATONE. Sprout inhibitor. Amazing new chemical aid for keeping potatoes, stored under normal temperatures without sprouting. The 12-oz. sifter-top canister treats 8 1/4 bushels (500 pounds). Simply dust tubers when they are stored. Dormatone is harmless. 12-oz. sifter-top canister, \$1.00; 5-lb. can, \$5.50; 20-lb. drum, \$16.00.



SNAROL. Cutworms, slugs, snails, grasshoppers, and other annoying pests are quickly exterminated by this amazing preparation. Snarol is a ready prepared meal that you broadcast on the ground under flowers and plants. 1-lb. carton, 35c; 2 1/2-lb. carton, 75c; 6-lb. pkg., \$1.50.

EVER GREEN GARDEN SPRAY. Contains only pyrethrum and is an outstanding garden spray. Non-poisonous. Kills both chewing and sucking insects. 1-oz. bottle, 35c; 6-oz. bottle, \$1.15; 1-pt. bottle, \$2.45; 1-qt. bottle, \$4.10; 1-gal. bottle, \$12.60.



Tri-ogen Spray (Contains Fermate)

Concentrated insect spray and fungicide. Attractive new kit. Tri-ogen spray is a proven product and is the outstanding Rose spray—it has everything—all the previous advantages found only in Tri-ogen—plus Fermate.

"A" Kit, \$2.25 "B" Kit, \$ 6.00
"C" Kit, 9.00 "D" Kit, 30.00

Tri-ogen Dust

General purpose three-way insecticide-fungicide dust, Tri-ogen Dust (containing Fermate) is extremely valuable to the rosarian who wishes to dust instead of spray. Contains proper blend of DDT, rotenone, Fermate, and sulphur to control both sucking and chewing insects as well as mildew, black spot and certain blights. Solves insect and fungus disease problems effectively and economically. Price: 1-lb. unit, 85c; 5-lb. unit, \$3.50; 25-lb. unit, \$16.25.



For successful roses. Rosetone is a proven combination of vitamins and hormones. Soak roots or bushes in Rosetone before planting. Water your established Rose bushes with Rosetone for better growth. 1/2-oz. pkt., 25c; 3-oz. can, \$1.00. Add 10c for postage.

ROOTONE PATENTS PENDING

ROOTONE, the plant hormone powder, increases roots on cuttings, seeds and bulbs. No soaking is necessary. Just dust and plant. Stimulates germination of seeds and bulbs, and speeds up growth, thus producing earlier flowering; and in the case of vegetables, earlier crops. Stops damping-off. 1/4-oz. pkt., 25c; 2-oz. jar, \$1.00; 1-lb. can, \$5.00. Add 10c for postage.

TRANSPLANTONE Reg. U. S. Pat. Off.

TRANSPLANTONE—the vitamin-hormone plant stimulant. Just mix 1 teaspoonful to a gallon of water, then water the soil around the roots. Stimulates backward plants and regenerates roots. Use on seedlings, shrubs, rose bushes and trees. 1 oz. makes 1000 gallons solution. 1/2-oz. pkt., 25c; 3-oz. can, \$1.00; 1-lb. can, \$4.00. Add 10c for postage.

Stanley's Crow Repellent

The most effective way to prevent crows and other birds from pulling corn is to treat the seed with something that is repellent to them. Stanley's Crow Repellent is excellent for this purpose.

1/2-pt. can (enough for 1 bu. corn) \$0.60
1-pt. can (enough for 2 bus. corn) 1.00
1-qt. can (enough for 4 bus. corn) 1.75
Mailing weight, each 2 lbs.



CROW-FEZ

Crow-Fez for use on seed corn gives the surest protection against corn pests.

1/2-pint can (enough for 1 bushel) \$0.50
1-pint can (enough for 2 bushels)75
1-quart can (enough for 4 bushels) 1.25
Mailing weight, each 2 lbs.

VOLCK'S OIL SPRAY. A summer oil spray and spray carrier for use against mealy bugs, scale insects, red spider and white flies on plants. (Replaces "Nursery Volck" and "Volck Nursery and Garden Volck".) 4-oz. size, 35c; 16-oz. size, 70c; 1-gal. size, \$2.85; 5-gal. size, \$3.95.



Remedies for Insects, Fungus, Etc.

BLACK LEAF 40. (Nicotine Sulphate, Nicotine 40 Per Cent.) Is the best known remedy for potato lice, thrips, leaf hoppers, etc., and other similar insects. Use about 1 to 1000 or 1 oz. will make 6 gallons of solution. 1 oz., 36c; 5 ozs., \$1.05; 1 lb., \$2.42; 2 lbs., \$4.15; 5 lbs., \$7.40; 10 lbs., \$12.65; 50-lb. drum, \$53.90.

HERBICIDE. A powerful and economical chemical for destroying unsightly weed growth on paths, driveways, cobble gutters, tennis courts, etc. For ordinary grass and weeds, 1 gallon of Herbicide diluted with 50 gallons of water will cover approximately 1000 sq. ft. Kills poison ivy and other noxious forms of vegetation. Price: 1-qt. can, \$1.00; 1-gal. can, \$2.50; 5-gal. can, \$10.00; 30-gal. drum, \$36.00; 55-gal. drum, \$57.50.

GRAFTING WAX. Prices: ¼ lb., 35c; ½ lb., 50c; 1 lb., 80c.

CREOSOTE FOR GYPSY MOTHS. For the destruction of the eggs of gypsy moth. Qt., 50c, shipping weight 3 lbs.; gal., \$1.25, weight 9 lbs.; 5-gal. can, \$4.50.

CABOT'S TREE HEALING PAINT. 1 qt., 45c; 1 gal., \$1.30; 5 gals., \$5.75. Barrel lots, price on request.

FORMACIDE. (Hammond's.) Stabilized Formaldehyde Dust seed and soil disinfectant used as a control of damping off. 1-lb. can, 85c; 5-lb. can, \$2.50; 25-lb. drum, \$10.00.

CARBOLINEUM. Of the numerous preservative compounds on the market Carbolineum stands alone as time-tried and thoroughly tested. 1-gal. can, \$1.80, weight 11 lbs.; 5-gal. can, \$8.00.



RED ARROW INSECT SPRAY. Effective and non-poisonous. Will not stain or injure tender flowers. A contact spray that will kill both sucking and chewing insects.

1-oz. bottle, 35c; 4 ozs., \$1.00; 1 pt., \$2.85; 1 qt., \$5.00; 1 gal., \$18.20.

HAMMOND'S WEED KILLER. Weeds, poison ivy and all vegetation are easily destroyed with this highly concentrated (stands dilution with 40 parts of water) easy-to-use material. Price: 1-qt. bottle, 70c; 1-gal. can, \$2.00; 5-gal. can, \$9.00.

SEMESAN. For vegetables and flower seeds and bulbs. Generally preserves seeds against rotting in cold, wet soils; controls damping-off or seedling blight and certain other seed-borne diseases. Helps promote increased germination, sturdier growth, larger yields, better grade produce. 1/3-oz. envelope, 20c; 2-oz. pkg., 60c; 12-oz. can, \$2.85; 4-lb. can, \$13.40; 25-lb. pail, \$72.65.

ARASAN. For corn, soybeans, vegetables. Dry application only. Usually reduces losses from seed decay and damping-off. A disinfectant and a protectant. 8-oz. can, \$1.00; 4-lb. can, \$6.00.

NEW IMPROVED CERESAN. For wheat, oats, barley, rye and millets to control certain smuts and some other seed-borne diseases. 4 oz-can, 50c; 1-lb. can, \$1.30; 4-lb. can, \$4.35.

SEMESAN BEL. For both Irish and sweet potatoes. Treat Irish potatoes to reduce seed rotting, surface seed-borne rhizoctonia and scab. 2-oz. pkg., 50c; 1-lb. can, \$2.30; 4-lb. can, \$7.50; 40-lb. drum, \$70.35; 100-lb. drum, \$166.00.

SPECIAL SEMESAN. For lawns, golf courses and other fine turfs. A fungicide used especially to prevent or control large brown patch and dollar spot. Apply as a liquid. 1½-lb. can, \$3.75; 25-lb. pail, \$52.05; 100-lb. drum, \$197.60.

TERSAN 75. (75% Thiuron) Tersan 75 is highly concentrated. Exceptionally safe and effective for prevention or control of large brown patch, dollar spot and snow mold on golf courses, lawns and other fine turfs. 5 1/3-oz. can, \$1.00; 3-lb. bag, \$3.75; Case of twelve 3-lb. bags, \$32.00.

DU PONT F-531. A cadmium fungicide for the control of dollar spot on golf courses, lawns and other fine turfs. 25-lb. drum, \$37.50; 100-lb. drum, \$140.00.



NO-SEED HORMONE Blossom-set

29% more tomatoes with No-Seed Hormone. Greater yield, superior quality, larger fruits, earlier, meatier, seedless tomatoes. Also for other crops, effective on cucumbers, peppers, eggplant and squash. Increases set and gives greater yield.

4-oz. bottle (dilutes to 1 gal.)\$0.75

1-pt. bottle (dilutes to 4 gals.) 1.75

NOTT PRODUCTS



RAT-NOTS. A safe, scientific way to exterminate rats. Prepared bait containing Red Squill—NOT A POISON. Household size, 25c; Estate size, \$1.00.

MOUSE-NOTS. A meaty, easily hulled, treated seed bait which appeals to the finicky taste of mice and it is "THEIR LAST MEAL." Household size, 25c; Estate size, \$1.00.

ROACH-NOTS. Prepared powder bait for roach pests that infest damp homes, cellars, stores, factories, warehouses. Certain to kill them in droves. Household size, 25c; Estate size, \$1.00.

MOLE-NOTS. Kills moles in their holes. An attractive rodent food for these pests and will help exterminate them. Household size, 35c; Estate size, \$1.00.

KILMICE. A treated, tasty, impregnated seed bait which quickly destroys mice in house and garden. Easy to use—clean, sanitary, no mixing—no traps needed. "THEIR LAST MEAL." Large 2½-oz. pkg., 25c.

DOG-CHECK. An effective proven curb to canine habits, needed by all whose neighbor's dogs "visit" and wither flowers, shrubs, hedges and saplings. One spraying usually lasts from 2 to 3 weeks. Unaffected by light rain. 3-oz. bottle, 60c; 8-oz. bottle, \$1.00.

NOTT'S RAT PASTE (5% Antu) is packaged in handy tube for mixing with baits. (Formerly called Rat-Not Paste). 1-oz. tube, 35c.

NOTT'S RAT-TU. A superior rat killer packed with death-dealing "Antu." Sure kill by tracking, baiting, in drinking water. Rat-Tu (25% Antu): 2-oz. canister, 60c. Rat-Tu (5% Antu): 2-oz. canister, 35c.



K-R-O KILLS-RATS-ONLY

Mixed, \$1.00; postpaid, \$1.10. Mixed, 35c; postpaid, 45c.

RAT-NIP. Mows them down with ease. Quickly kills even the foxiest old ones. 25 years of success. Tube, 35c.

Will rid your premises without endangering your pets, livestock, poultry, etc. Harmless to animals other than rats and mice. Price: 2 ozs., 75c; postpaid, 80c. K-R-O Ready Small size K-R-O Ready

Warfarin

The new Rat and Mouse Killer (Sure and Safe) Black Leaf Warfarin Rat Killer. A highly effective, scientifically formulated, concentrated chemical compound for the control of rats, mice and certain other destructive rodents. Baits made from Black Leaf Warfarin are tasteless and odorless. Full directions on each package. Price: ¼-lb. pkg., \$1.75; ½ lb. pkg., \$3.00; 1-lb. pkg., \$5.00.

EATON'S ROUGH AND READY CONCENTRATED WARFARIN POWDER. Household size package, 59c each.

SLA-RAT. A Nott product containing the death dealing Warfarin. This is a prepared bait, no mixing necessary. 1-lb. can, \$1.00.



Carbola Paints and Also Disinfectants

CARBOLA WITH DDT. A white paint and powerful disinfectant combined in powder form. Easily, quickly applied to building interiors with brush or spray pump. Disinfects, dries pure white. Price: 1 lb., 35c; 5-lb. pkg., 89c; 10-lb. pkg., \$1.45; 25-lb. carton, \$3.35; 50-lb. carton, \$5.95.

SUDBURY LIQUID CHAPERONE. Dogs stay away from anything sprayed with Sudbury Liquid Chaperone. You don't smell it—but dogs do. Protects shrubs, trees, flowers, vegetables, garbage pails, etc. Harmless—does not show. Each application lasts up to 3 weeks, rain or shine. Also effective with cats, other animals. 4-oz. bottle, 60c; 12-oz. bottle, \$1.25.

Liquid Chaperone has also proved effective for keeping rabbits and other rodents out of gardens. Specify Rabbit Chaperone, if wanted.

JAPIDEMIC. Milky Disease Spore Dust. Kills the grub of the Japanese beetle in the soil. Grubs of the Japanese beetle when present in large numbers will completely destroy your lawn. Treat your lawn in the summer, spring or fall and kill the grubs of the Japanese beetle in the soil. One pound will treat 4000 square feet, ten to eleven pounds will treat one acre. ½-lb. can, \$2.75; 1-lb. can, \$5.00.



Insecticides and Fungicides

Niagara Brand

FARM AND GARDEN BRAND

Packaged and formulated for the farm garden and the home garden. Ask for dust and spray schedules and for circulars.

CODE 909 C.O.C.S. COPPER MILDEW SPRAY. A highly effective, concentrated fungicide for dependable protection against certain plant diseases of garden crops, fruits, flowers, shade trees and ornamentals. Leaves no conspicuous residue and contains no lime. Effective in the control of early and late blight on potatoes and tomatoes, leaf spot on celery, beets and carrots, cherry leaf spot, leaf spot on cucurbits, black spot on roses and mildew on roses, lilacs, phlox, zinnias. 1-lb. can, 70c; 3-lb. bag, \$1.65.

CODE 910 SCALE OIL. A dormant spray. Controls scale insects on trees, ornamentals and shrubs; also red mite eggs on apple trees. Extremely efficient, economical, mixes readily with water. 1-qt. can, 85c; 1-gal. can, \$2.10; 5-gal. can, \$7.65.

CODE 912 C.O.C.S. COPPER ROTENONE BEARING DUST. A vegetable garden specialty containing .75% rotenone and copper as a fungicide in the form of copper oxychloride sulphate. A non-poisonous insecticide-fungicide and repellent dust formulation for the control of such diseases as mildew, leaf spot and blight, and such insects as asparagus beetle, cucumber beetle, cabbage worm, strawberry leaf roller, and many other insects troublesome on vegetables, flowers and ornamentals. 1-lb. sifter-top can, 60c; 4-lb. bag, \$1.75.

CODE 914 WETTABLE DUSTING SULPHUR. Contains 95% sulphur of extreme micron fineness. Can be used as a spray or dust. For control of mildew, leaf spots and wherever a non-caustic sulphur fungicide is called for: peonies, roses, grapes, etc. Packed 2-lb. sifter-top cans, 50c each; 4-lb. bags, 75c each.

CODE 917 KOLO FRUIT TREE DUST OR SPRAY. Contains DDT, basic lead arsenate and Kolo sulphur. A combined insecticide-fungicide formulated for insect and disease control after the dormant stage. Used on apples, peaches, pears, plums, prunes and certain ornamentals. For use as a dust or spray in the control of codling moth, curculio, tent caterpillar, rose chafer, plant bugs, leaf hoppers, Japanese beetles, apple maggot, oriental fruit moth, peach twig borer, and for such fungous diseases as apple scab, powdery mildew, pear scab, peach scab and brown rot of stone fruits. Three pounds makes 25 gallons of dilute spray. 1-lb. bag, 60c; 3-lb. bag, \$1.50.

CODE 920 C.O.C.S. CUKE AND MELON DUST. A combined insecticide and fungicide containing calcium arsenate and copper, for the control of cucumber beetles, wilt, scab, mildew and leaf spot on cucumbers, melons and other cucurbits. Effective and safe, this formulation contains no lime. 4-lb. bag, \$1.10.

CODE 924 C.O.C.S. COPODUST. Fungicide only. Contains highly effective neutral copper oxychloride sulphate. Contains no lime. For control of blight on potatoes, celery, tomatoes, etc. Do not use on grapes or beans. 1-lb. sifter-top can, 45c each; 5-lb. bag, \$1.15.

CODE 925 ROTENONE-BEARING DUST OR SPRAY. Contains .75% rotenone. A superior, scientifically blended, non-poisonous dust or spray. Use in the control of Mexican bean beetle, worms on cabbage and broccoli, pea aphid, asparagus beetles and certain chewing and sucking insects on vegetables and ornamentals. 1-lb. sifter-top can, 45c each; 4-lb. bag, \$1.10.

CODE 927 C.O.C.S. POTATOX POTATO DUST OR SPRAY. Contains DDT and copper. A combined insecticide and fungicide for use as a dust or spray in the control of bugs and blight on potatoes and other vegetables having hardy foliage. Increases yield and quality of crops. For spraying, 6 tablespoons makes 1 gal. of dilute spray, or 4 pounds makes 60 gals. of dilute spray. 1-lb. can, 60c; 4 lbs., \$1.85.

CODE 929 CHLORDANE DUST OR SPRAY. Contains 6% Chlordane. For use in the control of cut worms, blister beetles, leaf miners, mole crickets, Japanese beetles and certain other turf insects. Also ants and roaches in the lawn and home. Price: 1-lb. can, 55c each; 4-lb. bag, \$1.55.

CODE 930 B.H.C. APHIS DUST OR SPRAY. Contains 1.2% gamma isomer of benzene hexachloride refined. A new formulation for aphid control. For use in the control of aphid on tomatoes, cucumbers, melons, cabbage, tobacco. Spittle bug on strawberries, Japanese beetle, and certain other chewing insects on fruits, vegetables, flowers and ornamentals. Price: 1-lb. can, 70c each; 4-lb. bag, \$2.10.

CODE 932 DDT 50 SPRAY. A 50% DDT wettable powder for use in the control of flea beetles, Colorado Potato beetles, and leaf hoppers on potatoes, worms on cabbage, thrips on onions and gladiolus, leaf hoppers on grapes and roses, and codling moths on apples and pears. It goes into solution readily and is compatible with most of the common fungicides and insecticides. Use 1/2 to 1 pound in 50 gallons of water. Use 1 to 2 level table-spoons in 1 gallon of water. 1-lb. can, 75c; 4-lb. bag, \$2.45.

CODE 933 GAM KIL 25 EMULSION. Contains 25% Lindane. For use as a residual spray in the control of flies in dairy barns and other outbuildings. Also controls roaches, ants, mosquitoes, midges. 1 pint makes up to 11 gals. dilute spray. Price: \$4.50 per pint.

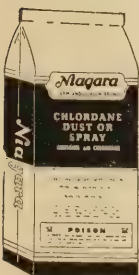
CODE 934 GAM KIL 25 SPRAY. Wettable powder containing 25% Lindane. For control of mange only on dairy cattle and mange lice and ticks on other livestock. Also used for control of birch leaf miner. 1 lb. makes up to 10 gals. Packed in 8-oz. canisters; 1-lb. canisters; 5-lb. bags. Price: 8-oz. canister, \$2.00; 1-lb. canister, \$3.60; 5-lb. bag, \$17.50.

CODE 935 HOUSEHOLD SPRAY. Contains Lindane. A new liquid spray for controlling many household pests, including the hard-to-kill crawling type such as silver fish, water bugs, crickets, spiders. Packed in pint cans; quart cans; gal. cans. Price: 60c per pint; 90c per quart; \$3.40 per gal.

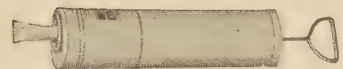
CODE 936 2, 4-D WEED KILLER. Effective, easy to use liquid form 2, 4-D for lawns, parks, golf courses, fence rows, ditches, pastures, etc. It eliminates dandelions, plantain, poison ivy, pigweed, ragweed and many other troublesome weeds without injury to grasses. Packed in 1/2 pint cans, 90c per can; 1 pint can, \$1.50 per can; 1 gal. can, \$4.75 per gal.

CODE 937 DDT 5 DUST. A 5% DDT dust for use in control of Japanese beetles, European corn borer, corn ear worm, leaf hopper, flea beetles, also thrip on gladiolus and onions. 1-lb. can, 45c; 4-lb. bag, \$1.10.

CODE 938 NEW POMO-GREEN. The leaf green all in done dust or spray. For Roses and other flowering plants. An insecticide and fungicide for control of black spot and powdery mildew on roses, also chewing and sucking insects on roses, delphiniums, phlox and other ornamental plants. 1-lb. can, \$1.00; 4-lb. bag, \$3.00.



Niagara Hand Dusters



FOUR NIAGARA PLUNGER TYPE HAND DUSTERS

- "Pint" Duster. Mailing weight 2 lbs., \$1.25.
- "Pint" Extension Duster. Mailing weight 2 lbs. \$1.85.
- "One Quart" Duster. Mailing weight 3 lbs. \$2.40.
- "Two Quart" Duster. Mailing weight 4 lbs. \$4.50.



NEW NIAGARA CYCLO-JUNIOR DUSTER. Modern design—power performance—easy operation—light weight. Free flow of dust with positive and uniform feed. Has many special features that are new and distinct in hand duster construction and performance. Mailing weight 14 lbs. Price: \$30.00; with "Y" attachment, \$35.00.

Insecticides and Fungicides

Niagara Brand

Peach Sprays and Dusts

See **KOLOFOG**, Code 323 for preferred sulphur spray.

CODE 192 KOLODUST PHOSKIL 1 DUST. An effective combination of sulphur and parathion for the control of curculio, mites, Oriental fruit moth, brown rot and scab. Packed in 50-lb. bags. Price: \$13.40 per 100 lbs.

CODE 970 BHC PEACH DUST. Combination of sulphur and gamma isomer of BHC for use in control of curculio, plant bug, brown rot and scab prior to midseason. Packed in 50-lb. bags. Price: \$9.90 per 100 lbs.

CODE 829 KOLODUST NIATOX 5 DUST. Contains 89% Kolodust and 5% DDT for brown rot and Oriental fruit moth control. Packed in 50-lb. bags. Price: \$10.30 per bag.

Arsenical Insecticide

ARSENATE OF LEAD, Code 366. A highly effective insecticide for control of leaf chewing insects on apple trees, ornamentals and certain other crops. Kills bugs and worms on plants. Very valuable for control of Japanese beetles and white grubs and worms in lawns, greens and other fine turf areas. Can be dusted or applied in water suspension. 1-lb. bag, 55c; 4-lb. bag, \$1.85. Get our prices on larger quantities.

Rotenone Insecticide Formulations

(Non-Poisonous to Animals and Humans)

NEUROTE, Code 453. An extract of rotenone and pyrethrins. Contains 4.5% rotenone and resins. Very effective for greenhouse and outdoor use for control of many sucking and chewing insects, such as aphids, beetles, leaf hoppers, worms, red mite, etc. 1-gal. can, \$11.50; and 5-gal. drum, \$49.50.

1% ROTENONE DUST, Code 345. A potent and powerful rotenone dust used for control of cabbage worms, bean beetle, flea beetle and wherever a strong rotenone dust is required. Packed 50-lb. bags. \$6.50 per bag. Get our price on larger quantities.

3/4% ROTENONE DUST, Code 353. An all-purpose strong rotenone dust. Best for all-around use. Packed 50-lb. bags. \$6.00 per bag. Get our prices on larger quantities.

COPPER ROTENONE DUST, Code 848. Contains COCS (copper oxychloride sulphate) as the fungicide and .75% rotenone as the insecticide. For all-purpose dusting on tomatoes, cucurbits and wherever a fungicide and rotenone are required. Do not use on grapes or beans. Packed 50-lb. bags. \$7.75 per bag. Get our price on larger quantities.

5% ROTENONE SPRAY, Code 92 Ro-Kil Spray. A 5% wettable powder rotenone spray formulation that is best for bean beetle control, red spider, aphids and many other bugs and worms where a strong wettable powder rotenone spray is indicated. Packed 40-lb. carton, 8 5-lb. bags each. Price: 5-lb. bag, \$2.75; 40-lb. carton, \$19.70.

DDT Spray and Dust Formulations

Insecticide formulation only. See other listing for combinations DDT and Fungicides.

NIATOX 50 SPRAY, Code 72. A highly effective formulation of a 50% DDT wettable powder. Use at rate of 2 lbs. per 100 gals. water for control of flea beetle, leaf hopper, Japanese beetle, potato bugs, etc., wherever a 50% DDT wettable powder is recommended. Where a fungicide is needed, as on potatoes, we recommend using COCS 55. Spray with DDT. For use on turf for control of Japanese beetle and white grubs, use 50 lbs. per acre. Packed 50-lb. bags and 24-lb. cartons, 6 4-lb. bags per carton. Price: \$21.00 per 50-lb. bag; \$10.80 per 24-lb. carton; \$2.45 per 4-lb. bag. Get our prices on 100 lbs. and ton or over.

NIATOX 3 DUST, Code 813. Contains 3% DDT plus an inert carrier. Formulated to be used as a dust for control of insects alone wherever 3% DDT is recommended, viz.: corn borer, ear worm, cabbage worm, flea beetle, etc. Packed 50-lb. bags. Price: \$7.35 per 100 lbs.

NIATOX 5 DUST. Code 814. Contains 5% DDT, otherwise same as Code 813. Recommended for use where a straight 5% DDT dust is indicated. Packed 50-lb. bags. Price: \$8.30 per 100 lbs.

NIATOX 10 DUST, Code 834. Contains 10% DDT. For control of Japanese beetle grubs and white grubs and ants on lawns, greens, fairways and other fine turf areas. Use 250 lbs. per acre. Also used for control of roaches in factories, mills and other buildings. Packed in 50-lb. bags and 50-lb. cartons. 10-lb. bags. Price: \$10.80 per cwt. in 50-lb. bags; 90c per 5-lb. bag.

LIQUID NIATOX 25, Code 966. A 25% DDT solution formulated to eliminate re-crystallization of the DDT in the container and to afford greatest safety and effectiveness when used on potatoes and certain other crops as a spray for insect control. Readily emulsifiable in water and compatible with copper and most organic fungicides. Also used as a concentrate cut to 6 or 12 per cent in mist blowers. 5-gal. can, \$2.85 per gal.; 55-gal. drum, \$2.70 per gal. Get our price on larger quantities.

METHOXCIDE 50 WETTABLE POWDER, Code 94. Contains same active ingredients as "Marlate". For use on fruit and vegetables for control of curculio, cucumber beetles, cabbage worms, Mexican bean beetle, flea beetle, etc. This form of DDT is practically non-toxic to warm blooded animals when used as directed. Packed 24-lb. cartons, 6-4 lb. bags. Prices on request.

Copper Fungicides

Sprays and Dusts—for use on Potatoes and Vegetables—with and without poison.

DRY BORDEAUX POWDER, Code 901. For preventing blight on grapes, potatoes, and other crops that are subject to rust, mildew and black rot. Contains 12½% metallic copper. Can be applied dry with bellows or wet as spray. 1-lb. canister, 50c; 4-lb. bag, \$1.40. Get our prices on larger quantities.

COCS 55 NEUTRAL COPPER SPRAY, Code 557. Contains 55% metallic copper in the form of copper oxychloride sulphate. The best neutral copper spray. Especially effective in controlling blight on tomatoes, potatoes, cucurbits, celery, etc. Mixes readily with DDT, 5%, wettable rotenone powder, lead arsenate, etc. Use 3 lbs. per 100 gals. Packed 36-lb. carton, 12 3-lb. bags. Price: \$16.00 per carton.

COCS COPODUST, Code 570. Fungicide only. Contains the highly effective neutral copper oxychloride sulphate in dust formulation. Contains no lime. For control of blight on potatoes, celery, tomatoes, etc. Do not use on grapes or beans. Packed in 50-lb. bags. Price: \$10.30 per cwt. Also packed in 50-lb. carton, 10-5-lb. bags. Price: \$1.15 per bag.

CUCURBIT DUST, Code M535. Best all-purpose dust for cucumbers, melons and squash. Controls striped cucumber beetles and other rasping or chewing insects as well as blight and mildew. Packed 50-lb. bags. Price: \$5.70 per bag. Get our price on larger quantities.

COCS NIATOX 3 DUST, Code 827. Contains 11.32% copper oxychloride sulphate for control of blight and 3% DDT for control of insects. Especially recommended for use on potatoes. Packed 50-lb. bags. Price: \$11.85 per cwt.

COCS NIATOX 5 DUST, Code 824. Identical to Code 827 except that it contains 5% DDT in place of the 3% DDT in the Code 827. For use on potatoes where a 5% DDT formulation with copper is preferred. Packed 50-lb. bags. Price: \$12.85 per cwt.

New Organic Insecticides and Fungicides

Many have specific uses only. Space too limited to give full detail. Consult your Agricultural Experiment Station or our spray service field men.

PURATIZED AGRICULTURAL SPRAY, Code 837. Phenyl mercuri ammonium lactate. A specific for apple scab control and eradication. Also used to control anthracnose on certain shade trees, also a disinfectant in controlling ring rot of potatoes. Packed in 1-gal. and 1-pt. containers. Price: \$11.55 per gal.; \$1.65 per pint in case lots of 24 pints.

NIAGARA CARBAMATE, Code 93. The active ingredient is 76% ferric dimethyldithiocarbamate which is also the active ingredient in "Fermate." Both are identical in use. Niagara Carbamate mixes readily with water. Principal use on apples, pears, raspberry canes, cabbage and tobacco seed beds, cranberries, grapes, roses, etc., for control of scab, anthracnose, leaf spots, mildews, etc. Packed 30-lb. carton, 10 3-lb. bags. Price: 65c per lb. Get our price on larger quantities.

NIAGARA CARBAMATE DUST, Code 240. Active ingredient ferric dimethyldithiocarbamate. Used for same purposes as Niagara Carbamate, Code 93, where a dust is preferred. Packed 50-lb. bags. Price: \$10.60 per 100 lbs. Also available in combination with lead arsenate and DDT. Prices on request.

NIAGARA KOLO CARBAMATE, Code 47. A formulation of fused bentonite sulphur and ferric dimethyldithiocarbamate as a spray for apples, etc., where a combination of sulphur and carbamate or fermate is desired. Use at rate 3½ lbs. per 100 gals. on apples. Packed 12 3½-lb. bags per carton. Price: \$9.35 per carton.

NIAGARA PHYGON-XL. Contains 50% 2, 3 Dichloro, 1,4 Naphtho Quinone for use as a fungicide spray to control diseases of apples, beans, celery, cherries, peaches, roses and tomatoes. Packed 48-lb. carton, 12 4-lb. bags. Price: \$1.54 per lb.

NIAGARA PHYGON DUST. Contains 8% Phygion-XL for the same purposes as Phygion-XL Wettable where a dust is preferred. Packed 50-lb. bags. Prices on request.

NIAGARAMITE. We have the new organic Miticide-Aramite which is excellent for the control of red mite and red spider in orchards and nurseries. This material is formulated as a wettable powder, a dust and as an emulsion. See us for prices.

Insecticides and Fungicides

Niagara Brand

DDD 50 WETTABLE POWDER, Code 215. Contains 50% Dichloro-diphenyl-dichloroethane. Used for the control of red-banded leaf roller on apples where a wettable powder is preferred. The usually recommended dosage is 2 lbs. in 100 gals. of spray. Packed 50-lb. bags. Prices on request.

LINDANE

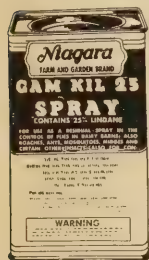
"LINDANE." Niagara Gam Kil dust and spray formulations, containing the gamma isomer of benzene hexachloride. The gamma isomer is for all practical purposes odorless and tasteless. Gam Kil formulations are:

GAM KIL 1 DUST, Code 33. Used for the control of aphids, leaf miners, spittle bugs, Japanese beetles, and rose chafers. Packed 50-lb. bags. Price: \$13.85 per 100 lbs.

GAM KIL 25 SPRAY, Code 261. Contains 25% "Lindane." Used for the control of aphids, leaf miners, and household pests such as flies and cockroaches. Packed 20-lb. carton, 4 5-lb. bags, 15-lb. bulk fiber drum. Price: 5-lb. bag, \$3.50 per lb.; 15-lb. fiber drum, \$3.25 per lb.

GAM KIL 25 EMULSION, Code 34. Contains 25% "Lindane" in a water emulsible form. Used for the same purposes as Code 261 Gam Kil 25 Spray, in addition lends itself to use in concentrate applicators. Packed 1-gal. cans; 5-gal. drums. Price: 1-gal. can, \$29.10; 5-gal. can, \$28.80 per gal.

GAM KIL 25 CONCENTRATE, Code 268. Contains 25% "Lindane." A concentrate material used for formulating products containing "Lindane." Packed 1-gal. cans; 5-gal. drums. Prices on request.



NIAGARA BENZENE HEXACHLORIDE formulations containing technical grade BHC including all isomers: Formulations are Code 961 BHC Cabbage Maggot Dust, contains 3% of the gamma isomer plus other isomers of BHC. Gives excellent control by dusting of cabbage maggot. For directions obtain circular. Packed 50-lb. bags. Prices on request. Code 976 BHC Crop Spray—a wettable powder containing 6% gamma isomer plus other isomers of BHC. Recommended for curculio control in specific instances. Use 4 lbs. per 100 gals. Packed 24-lb. carton, 6 4-lb. bags. Ask for prices and full information on use.

COD 404 BHC 10 SPRAY. A wettable powder containing 10% gamma isomer BHC plus other isomers. Recommended for cabbage maggot control and curculio control in specific instances. Packed 50-lb. ctn., 10 5-lb. bags. Ask us for prices and full information on use.

CHLORDANE

CHLORKIL 40 SPRAY, Code 134. A dry wettable formulation containing 25% chlordane for the control of grasshoppers, curculio, ants and certain other turf insects. Packed 24-lb. carton, 6 4-lb. bags. Price: per carton, \$14.10; 4-lb. bag, \$2.75.

CHLORKIL 5 DUST, Code 43. Contains 5% technical chlordane. For control of ants and grasshoppers, use 20 to 40 lbs. per acre. Packed 50-lb. bags. Price: \$11.50 per cwt.

CHLORKIL 72 MISCIBLE, Code 237. A miscible formulation of chlordane. Each gallon contains 5 lbs. technical chlordane. 1-gal. jug, \$12.20; Per gal. in 5-gal. drum, \$11.70.

TEPP

NIAGARA TEPP. Also known as Hexamite Code 997. Contains 40% tetra ethyl pyrophosphate and 60% other related organic phosphate esters. It is outstanding for control of mites on apples, aphids and certain other insects. It is a contact toxicant. Packed in 1 gal. and 1 pt. glass containers. Price: \$20.50 per gal.; \$2.70 per pint. There is also a 1% Niagara Tepp Dust, packed 50-lb. bags, available. Prices and further information on request.

PARATHION

NIAGARA PHOSKIL SPRAY, Code 66. Contains 15% parathion. As a wettable powder, effective against many insects such as red mite, bud moth, Oriental fruit moth, etc. Packed 24-lb. carton, 12 2-lb. bags. Prices on request.

NIAGARA PHOSKIL DUST, Code 67. Contains 1% parathion. Used for the same purpose as Niagara Phoskil Spray where a dust is preferred. Packed 50-lb. bags. Prices on request.

NIAGARA PHOSKIL 25 MISCIBLE, Code 414. Used for same purpose as Phoskil spray where an emulsion is preferred. Prices and further information on request.

NIAGARA Z-C

NIAGARA Z-C SPRAY, Code 49. Contains 70% Zinc Dimethyldithiocarbamate formulated as a wettable powder. Especially recommended for use on tomatoes in an alternate spray program with C.O.C.S. copper for control of diseases. Use 1½ to 2 lbs. Z-C per 100 gals. Recommendations for Zerlate or Z-C Spray are identical. Packed 36-lb. carton, 12-3-lb. bags. Price: \$22.50 per carton. Get our price on larger quantity.

NIAGARA Z-C DUST, Code 48. Contains 7% active ingredients or the equivalent of 10% Zerlate. Especially effective for early blight and anthracnose, also acts as a plant stimulant to increase yields in tomato fields and certain other crops. Packed in 50-lb. bags. Use 20 to 40 lbs. per acre. Price: \$10.35 per cwt.

Sulphur Fungicides Kolo Formulations

Sulphur Sprays and Dusts for use on apples, peaches and wherever sulphur or sulphur and arsenicals are indicated to prevent disease or control chewing insects.

KOLOFOG, Code 323. A highly effective fused bentonite-sulphur spray for use on apples and peaches replacing lime-sulphur solution following dormant or delayed dormant use. Because of its great effectiveness, it makes an excellent carrier for arsenate of lead. It is non-caustic and is especially recommended for the pre-blossom, calyx and first cover sprays. In the latter sprays where the excellent sticking qualities of Kolofog may be objectionable, we recommend the use of Kolospray. Price: 48-lb. carton (8 6-lb. bags), \$5.40; 5 cartons or more, \$5.15 each; 6-lb. bag, 90c.

KOLO 100, Code 437. A highly effective combination of fused bentonite, sulphur and dichloro naphthoquinone for the control of fungous diseases on apples and peaches. Packed 42-lb. carton, 12 3½-lb. bags. For prices and additional information see us.

KOLOSPRAY, Code M512. A wettable sulphur of micron fineness fortified with fused bentonite-sulphur to improve covering qualities and effectiveness of the wettable type of sulphur. One of the best so-called wettable sulphurs on the market. Price: 50-lb. bag, \$4.60; 100 lbs., \$8.70. Packed also 10 5-lb. bags per carton, per 100 lbs., \$9.90; per 50-lb. carton, \$5.15; per 5-lb. bag, 75c.

NIAGARA KOLODUST, Code 216. The new exclusive NIAGARA dust that "sticks through rain and wind." This is a fungicide only, used in the control of diseases on fruit and flowering plants. Packed in 50-lb. bags. Per 100 lbs., \$7.10.

NIAGARA KOLODUST 100, Code 421. An effective combination of fused bentonite sulphur dust and dichloro naphthoquinone, for the control of fungus diseases on apples and peaches. Packed 50-lb. bags. \$9.65 per 100 lbs.

NIAGARA KOLOKIL, Code 229. The new exclusive NIAGARA sulphur and poison dust containing large percentage of arsenate of lead. This material is used wherever extra heavy ravages of chewing insects prevail; also in controlling such diseases as may be present. Per 100-lb. bag \$11.60.

KOLOKIL SPECIAL, Code M524. The new exclusive Niagara sulphur and poison dust containing extra large percentage of arsenate of lead. This material is recommended where codling moth and gypsy moth are especially troublesome in Apple orchards. Per 100-lb. bag, \$13.40.

KOLOKIL NIATOX 5 DUST, Code 828. For use on Apples for control of scab, codling moth, curculio and leaf hopper. Packed in 100-lb. bags. Price: Per cwt., \$14.80.

Dormant and Delayed Dormant Oil Sprays

EMULSO OIL SPRAY. 83% Oil Emulsion. A highly potent dormant oil spray for control of certain insect eggs, scale, etc.; contains rotenone for extra effectiveness. Safe to use at dormant or delayed dormant stage on apples, pears, or wherever dormant oil sprays are indicated. Price: 54-gal. steel drum, price on request.

NIAGARA MISCIBLE OIL. 97% oil. A free-flowing oil which mixes readily with water, for use as an oil spray in dormant stage on apples, pears, etc. Use 3 gals. per 100 gals. of water. Packed in 54-gal. steel drums, price on request.

Miscellaneous Materials

DRY LIME-SULPHUR. Used in dormant spray applications for the control of peach leaf curl, scales, etc., and for the control of apple and pear scab. Packed 1 lb. can, 65c; 5-lb. can, \$2.65; 200-lb. drum, 25 8-lb. bags, \$37.50.

NIAGARA AMSOL, Code 29. Amine type of weed killer—a liquid for farm use. 1-gal. can, \$6.25. Also packed in 5-gal. and 55-gal. drums. Prices on request—see circular.

NIAGARA EstaSol, Code 133. Ester type of 2, 4-D—recommended for killing woody and hard-to-kill weeds, poison ivy, etc. Used on rights of way by commercial sprayers. Get circular. 1-gal. can, \$6.50. Also packed in 5-gal. and 55-gal. drums. Get our prices on same.

NIAGARA-STIK. A hormone spray powder used in the prevention of premature pre-harvest drop of fruit and also at post blossom to effect chemical thinning of set. Active ingredient the sodium salt of naphthalene acetic acid. Packed in ¼-lb. can. 45c; case of 24 ¼-lb. jars, \$10.55.

NIAGARA STIKCOL, Code 537 (TCPA). A new hormone spray for preventing premature drop of Apples. The active ingredient is a salt of 3, 4, 5-trichlorophenoxypropionic acid. It is used at the rate of ½ pt. per 100 gals. water. Packed 24 ½-pts. per carton. Prices on request.

NIAGARA STIK-HORMONE DUST, Code 632. An effective formulation of naphthalene acetic acid in dust form to prevent premature dropping of fruit. Packed 50-lb. bags, \$10.70 cwt. See us on double strength dust.

Z-1, CODE 139. A colloidal spreader, depositor and film builder. Reduces run-off and affords smoother coverage. Used at rate of ¼ lb. per 100 gals. water. Packed 25-lb. carton, 25 1-lb. bags per carton. Price: 45c per lb. in case lot.

Farm and Garden Tools

We list the following items subject to our being able to obtain from the manufacturer. The sale is also subject to any regulations of the N. P. A. at time of delivery.

Steel Garden Rake



LEVEL HEAD

- | | |
|--|--------|
| 14 Straight Teeth—Long Ferrules | Each |
| No. T14. True Temper, 5½-ft handle | \$2.20 |
| No. X14. True Temper Heavy Road Rake | 3.90 |
| No. B15. True Temper Bow Rake, 15 teeth | 2.45 |
| No. G16. True Temper Gravel Rake, 16 teeth, 2¼-in. teeth | 2.35 |
| No. PB14. Briar Edge Bow Rake, 14 teeth | 2.05 |
| No. PL14. Briar Edge Level Head Rake, 14 teeth | 1.65 |

True Temper Hay Fork



Regular 3-Tine; Tubular Ferrules; Bent Handle; 13-inch Oval Tines

- | | |
|---------------------------|-------------|
| No. 0133½B. 3½-ft handle | Each \$2.80 |
| No. 0134B. 4-ft. handle | 2.90 |
| No. 0134½B. 4½-ft. handle | 3.00 |
| No. 0135B. 5-ft. handle | 3.15 |

Manure Fork



Five-Tine; Tubular Ferrules—13-inch Tines

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|---|-------------|
| No. 054. True Temper, long handle, 4-ft. | Each \$3.25 |
| No. 05D. True Temper, 32-inch bent D-handle | 3.35 |
| No. 06D. True Temper, 32-inch bent D-handle, 6-tine | 3.60 |
| No. 064. True Temper, long handle, 4-ft.; 6-tine | 3.50 |
| No. P06D. Briar Edge D-handle, 6-tine | 3.10 |

Ensilage or Barn Fork



16-inch Oval Tines—30-inch Bent D Handles

- | | |
|-------------------------------|-------------|
| No. 508. True Temper, 8-tine | Each \$6.50 |
| No. 510. True Temper, 10-tine | 7.35 |

Stone or Ballast Forks

30-inch Bent D-Handles—10-inch Tubular Ferrules

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|---|-------------|
| No. 98S. 8-tine True Temper | Each \$6.60 |
| No. 102S. 12-tine True Temper | 7.85 |
| No. 6L. Stone Picker Fork, 4-ft. handle | 3.60 |

Speedy Cultivator

Four Teeth—4 1/3 ft. Handle

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|----------------------|-------------|
| No. SC4. True Temper | Each \$2.45 |
|----------------------|-------------|

Grass Scythes

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|------------------------|--------|
| Mailing weight, 3 lbs. | Each |
| True Temper Briar Edge | \$2.40 |
| Little Giant | 2.75 |

Weed or Bush Scythes (Specify)

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|------------------------|--------|
| True Temper Briar Edge | \$2.40 |
|------------------------|--------|

Scythe Snaths

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|----------------------|-------------|
| No. 50. Ash Grass | Each \$3.75 |
| No. 105. Bush Snaths | 4.25 |

True Temper Coke Forks

- | | |
|---|-------------|
| No. 710. 10 tines, 1¼ in. between tines | Each \$7.20 |
| No. 712. 12 tines, 1¼ in. between tines | 7.85 |

Bush Hooks

- | | |
|--|-------------|
| No. 1130. Collins, with 36-in. handle (3 lbs.) | Each \$3.75 |
| Little Giant Combination Axe and Hook | 4.50 |
| No. 10. True Temper "Bloods". 36-in. handle. 3½ lb. head | \$3.75 |

Cattle Cards

- | | |
|-------------------------------------|-------------|
| No. 444. Small special fiber. 5¼x3½ | Each \$0.45 |
| Postage extra, 5c each. | |

All Prices Are Subject to Change Without Notice

Four-Tine Spading Fork



12-inch Tines; Approximate Width 7½ inches; 30-inch I. D. Handle

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|-----------------------------------|-------------|
| No. MS. True Temper | Each \$2.70 |
| No. M5L. True Temper, long handle | 2.70 |
| No. P0LD. Briar Edge, D-handle | 2.40 |

Meadow Hoe



Long Socket Pattern; 3½ inches Deep; 4 1/3-ft. Handle

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|---|-------------|
| No. M08. True Temper Blade. 8 inches wide | Each \$2.35 |
| No. M09. True Temper Blade, 9 inches wide | 2.40 |

Square Top Onion Hoe

4 1/3-ft. Handle; Blade Width 7 inches; Blade Depth 1¾ inches.

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| No. S71¾. True Temper | Each \$2.20 |
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Corn Hoe

4 1/3-ft. Handle; Blade Width 8½ inches; Blade Depth 2¾ inches.

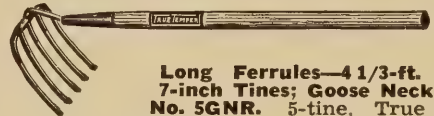
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| No. CT08½. True Temper | Each \$2.40 |
|------------------------|-------------|

Turf Edger (Flat Top)

4-ft. Handle; Blade 9 inches Wide; 4¼ inches Deep.

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|-----------------------|-------------|
| No. 040F. True Temper | Each \$2.35 |
|-----------------------|-------------|

Potato Hooks



Long Ferrules—4 1/3-ft. Handle; 7-inch Tines; Goose Neck Pattern No. 5GNR. 5-tine, True Temper.

Each \$3.00

Mortar Hoes

Shank Pattern, 5½-ft. Handle

- | | |
|---|-------------|
| No. 9. 9-inch, True Temper | Each \$3.65 |
| No. 10. 10-inch, True Temper | 3.90 |
| No. 210. 10-inch, True Temper, with 2 holes | 3.90 |

Scuffle Hoe

(Push or Pull)

2½ inches Deep; 8 inches Wide; 5-ft. Handle

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|-----------------------|-------------|
| No. XG55. True Temper | Each \$2.90 |
|-----------------------|-------------|

Rugg Wooden Rakes

- | | |
|-----------------------------|-------------|
| No. 05. Hay Rake, 14 teeth | Each \$2.00 |
| No. 39. Lawn Rake, 18 teeth | 2.15 |



Miracle Grass Shear

New and better. No more blisters—no more tired hands. Built strong enough to do the heaviest work and last for years. Price: \$2.50. Mailing weight 4 lbs.

Long handle Miracle grass shear. Price: \$7.50. Mailing weight 6 lbs.

Disston Spring Rake

(Not shown)

The Disston Spring Rake is outstanding. The only rake with a "Backbone" Spring which takes the strain off the teeth.

- | | |
|-------------------------|-------------|
| No. D18. 18 inches wide | Each \$2.75 |
| No. D24. 24 inches wide | 3.60 |

True Temper Garden Tools

- | | |
|--|-------------|
| No. 1GC5. 5-prong, True Temper Invincible Cultivator | Each \$2.35 |
| No. TR8. 8-Tooth Floral Rake | 1.55 |
| No. DST. True Temper Garden Trowel | 1.75 |
| No. IGH7. Italian Grape or Grading Hoe | 3.70 |

Grass Hooks

- | | |
|--------------------------------|-------------|
| No. 2. True Temper | Each \$1.00 |
| No. 1½. Champion (True Temper) | .75 |
| No. 5. Lightning (North Wayne) | .75 |
| No. 11. Nolin's (North Wayne) | 1.25 |
| Mailing Weight 2 lbs. | |

Farm and Garden Tools

No. 12 Planet Jr. Double and Single Wheel Hoe

Price, \$19.95



Planet Jr. Double Wheel Hoes are almost universally used by professional vegetable growers. They will straddle the crop, hoeing both sides of the row at once and until the plants are 20 inches high. The No. 12 includes all the equipment usually required for gardening—a pair of hoes for shallow cultivating and weeding, four steel cultivator teeth for general cultivation and a pair of plows for hilling, furrowing, etc. A long bolt and ferrule are furnished for changing to a single wheel hoe for later cultivation.

No. 16 Planet Jr. Single Wheel Hoe

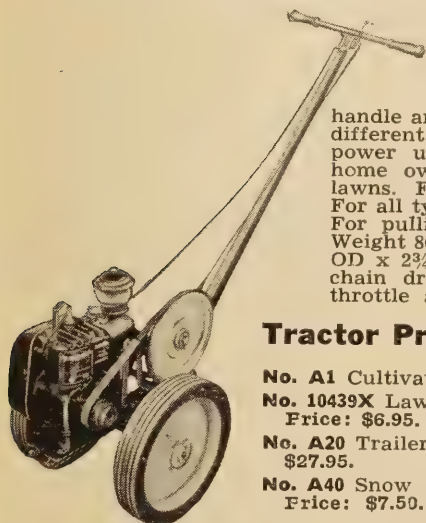
Price, \$15.50



No. 17 PLANET JR. SINGLE WHEEL HOE—\$13.25.
This is exactly the same machine as the No. 16 except that it does not have the leaf guards or the rakes. It is the most popular single wheel cultivator for home garden use.

No. 220 Planet Jr. Fertilizer Distributor (not shown.) Price: \$47.50.

Planet Jr. New 1 H.P. Tractor

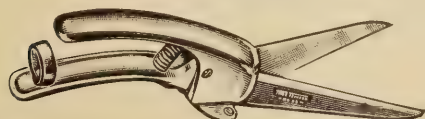


The Multi-Purpose Planet Jr. Tractor with its one horse-power engine is light. Easy to handle and useful for many different operations. The power unit for the small home owner. For mowing lawns. For snow plowing. For all types of cultivating. For pulling a trailer cart. Weight 80 lbs. Wheels 14-in. OD x 2 3/4-in. tire. Belt and chain drive controls: two, throttle and clutch.

Tractor Price: \$108.00

- No. A1 Cultivator. Price: \$7.95.
- No. 10439X Lawn Mower Hitch. Price: \$6.95.
- No. A20 Trailer Cart. Price: \$27.95.
- No. A40 Snow Plow and Grader. Price: \$7.50.

New! True Temper Dynamic Grass Shears



Tests prove it's America's finest. Blades of high carbon steel. Handles lacquered in brilliant goldenrod-yellow.
No. 88, Price: \$2.50. Mailing weight 3 lbs.

No. 300A Planet Jr. Seeder

Price, \$34.95



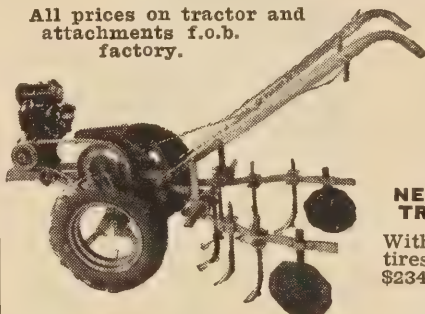
The No. 300A is rapidly becoming the most popular seeder for market gardeners. It is a plate seeder, having three seeding plates, each with 13 holes, giving ample adjustment for any size seed. Adjustments quickly and easily made. Hopper removable. Many exclusive features combine to make the No. 300A easy running, dependable and accurate. For use on ordinary soil.
No. 300 SEEDER. Same as No. 300A but with flat roller wheel 11 inches in diameter for use on muck and sandy soil.

Planet Jr. Tractors

All prices on tractor and attachments f.o.b. factory.

MODEL BP-1 (1 1/2 H.P.) TRACTOR

With 4.00 x 12 rubber tires (less cultivator), as shown. Price: \$194.50.



NEW 1950 MODEL B-8 TRACTOR (2 1/2 H.P.)

With 5.00 x 12 rubber tires (not shown). Price: \$234.50.

Attachments for BP-1 and B-8 Tractors

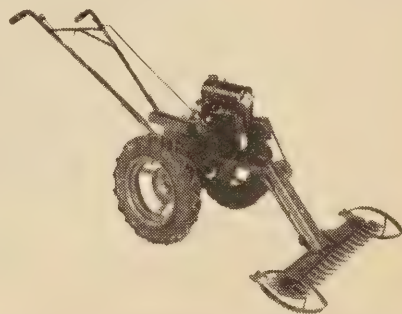
B58 Field Mower (Replaces AB56)	\$89.50
B-12 Cultivator	35.95
B21 6-Inch Plow with Coulter	39.95
B-40 Snow Plow and Grader	31.50
B62 Disc Harrow	43.50
AB34 One-Row Seeder	41.00
9965X Wheel Weights	16.50
10,133X Lawn Mower Hitch	7.95
B75 Fertilizer Distributor	27.50
B52 Trailer Cart Only	107.50
B51 Power Lawn Mower, 24-inch	94.50

Model HB (3 H.P.) Planet Jr. Tractor. With 5.50x16 rubber tires. Price: \$365.00.

Model H.W. (5 H.P.) Planet Jr. Tractor. With 5.50x16 rubber tires. Price: \$395.00.

HT Cultivating Gang and Equipment, 27-Inch. Price: \$26.50.

AB56 Field Mower on BP-1 Tractor
HTN Cultivating Gang and Equipment, 22-Inch ... \$29.95
HT26 9-Inch Plow or HT27 10-Inch Plow with Hitch. 44.65
HT10 Cultivator Complete ... 47.50



No. 122 True Temper "Briar Edge"



Lopping Shear Tubular Steel Ferrules and Caps. Handle length, 22 inches. Price: \$2.75. Mailing weight 4 lbs.

Farm Tools

Myers Hay Unloading Tools

Double Steel Track. Per ft.	\$ 0.48
No. 7240A7. Hanger Hook, 1/2" x 7". Each .....	.33 3/4
No. 5837A. Pulley Hook, 3/4 inch. Each .....	.37 1/2
No. 201. Hay Unloader, O. K. Adjustable. Each ..	25.75
No. 7725C. Knot Passing Pulley, Each	1.95
No. 5318E. Two-Tine Harpoon Fork. 25-inch. Each	6.70
No. 5322. Two-Tine Harpoon Fork. 31-inch. Each	8.75
No. 9077D2. Four-Tine Grapple Fork. 32 inches ..	18.90
No. 9077D1. Four-Tine Grapple Fork. 26 inches ..	17.85
No. 7837B. Rafter Bracket. Each .....	.10 3/4
No. 7242A10. Jointed Hanger Hooks. Each .....	.54

Columbian Manila Rope

	Price per lb.		Price per lb.
1/4 in. diameter	\$0.77	1/2 in. diameter	\$0.73
3/8 in. diameter .....	.75	5/8 in. diameter .....	.72
3/4 in., 7/8 in., 1 in. diameter .....			.70

Ask for prices on coil lots.

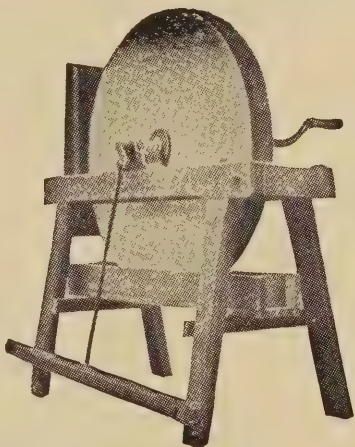
Binder Twine. Packed ten 5-lb. balls or six 8-lb. balls to bale.Market Price.

Hay Baler Twine. Packed 2 20-lb. balls to bale. Market price.

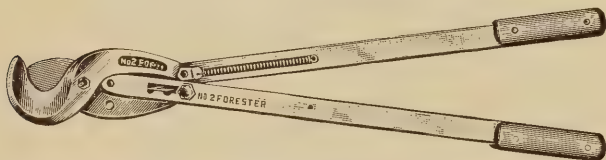
Hecla Wood Frame Mounted Grindstone

24x2 in. ..	\$39.50
24x3 in. ..	44.00
26x2 1/2 in. ..	46.75
26x3 in. ..	46.75

Hecla Motor Driven Grindstone. Complete with 24x3 in. diameter stone. \$76.75

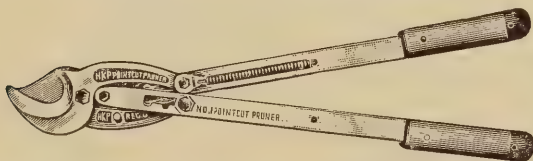


The H. K. P. Forester Pruner



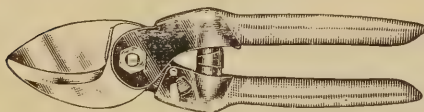
The Forester has a patented slide-shift power slot. Powerful and ruggedly built for lifetime use. Each No. 2. 27 in. long, capacity 1 1/2 in. Weight 4 lbs. 10 ozs. \$9.40 No. 3. 34 in. long, capacity 2 in. Weight 7 lbs. 4 ozs. 11.20

Porter Pointcut Pruners



No. 120. Point Cut Pruner. 20 in. Weight 2 lbs. 12 ozs. \$8.40 No. 124. Point Cut Pruner. 24 in. Weight 3 lbs. 8.70

NEW No. 8A PORTER DURA CUT. One-hand Pruner Anvil type. Carefully designed to cut better and easier and to last longer than other anvil type pruners. The exclusive plastic covered comfort grips are easy on the hand, length 8 inches, weight 12 ozs. Price: \$2.75.



NEW No. 8S PORTER DURA SHEAR. One-hand Pruner Shear type. Same features as No. 8A, length 8 1/4 inches, weight, 12 ozs. Price: \$3.50.

BLAIR Lawn Mowers

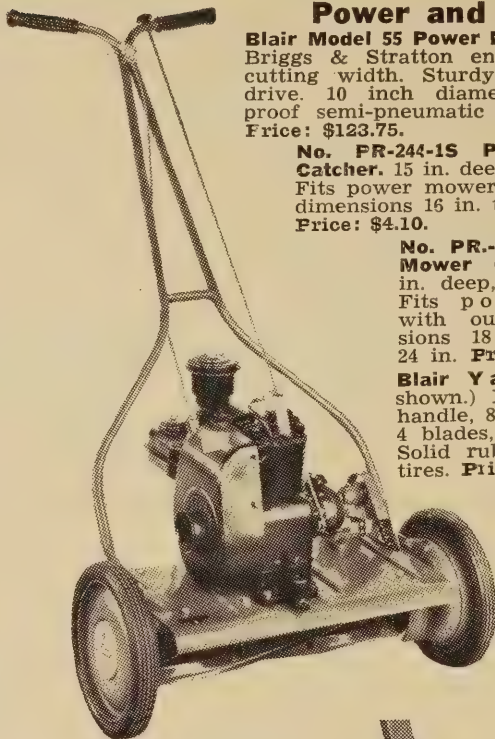
Power and Hand

Blair Model 55 Power Mower. 1.1 HP Briggs & Stratton engine, 18 inch cutting width. Sturdy roller chain drive. 10 inch diameter puncture proof semi-pneumatic tired wheels. Price: \$123.75.

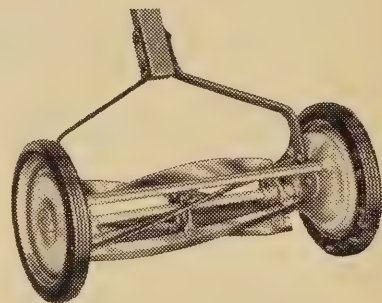
No. FR-244-1S Power Mower Catcher. 15 in. deep, 22 in. wide. Fits power mower with outside dimensions 16 in. through 21 in. Price: \$4.10.

No. PR-224-2A Power Mower Catcher. 19 1/2 in. deep, 28 in. wide. Fits power mower with outside dimensions 18 in. through 24 in. Price: \$4.25.

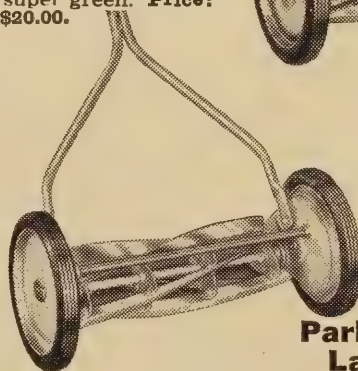
Blair Yankee. (not shown.) Hard wood handle, 8 inch wheels, 4 blades, 14 inch cut. Solid rubber fitted tires. Price: \$17.60.



Blair Blazer. Hardwood handle, 10-inch closed wheels, five blades, semi-pneumatic fitted tires. Automatically adjusted ball bearings, sturdy construction throughout. Enamel finish in Chinese red and super green. Price: \$20.00.



Blair Homestead. Tubular handle, 10-inch closed wheels, semi-pneumatic fitted tires, automatically adjusted ball bearings, 5 blades, rubber handle grips, enamel finish in super green with ivory trim. Price: 16-inch, 20.90; 18-inch, \$22.00.



Parker -Springfield Lawn Sweepers

USE PARKER'S YEAR 'ROUND LAWN CONDITIONER for a healthier, more beautiful lawn

... Early spring cleaning of winter refuse ... Late spring grooming ... Summer-long pruning and weeding ... quicker, easier reaping of the fall leaf harvest. Cleans sidewalks too. Makes year 'round lawn care a genuine pleasure.

Buy your PARKER LAWN SWEEPER today and let this

handiest of handy men save you time, money, energy and back-aches, and give you a finer, healthier, smoother lawn.

20-in. Parkette Sweeper. Price: \$33.50.

28-in. Parkette Sweeper. Price: \$41.00.

28-in. Homemaster (power driven) with hand throttle control. Price: \$171.50.



Garden and Lawn Supplies

MASTERS HANDI-CART

Model 18-S. This standard model Handi-Cart has an outstanding reputation among users as a sturdy, dependable tool for hundreds of moving jobs around the home and garden. Capacity three cubic feet, extra heavy 10¼-inch diam., double disc wheels with 1⅜-inch tread rubber tires. **Price: \$10.50.**

Model 20-D. The Deluxe Handi-Cart is the finest on the market. Capacity 3½ cu. ft., 11-in. double disc wheels with 1½-in. semi-pneumatic rubber tires. Has three legs. Tubular handle bars with two rubber handle grips for comfort and convenience. **Price: \$15.25.**

WORCESTER LAWN MOWERS

GRASS CATCHERS

For 14-inch, 16-inch and 18-inch Mowers.

No. HS-114 "Canvas Kid." White duck, galvanized bottom (no carry handle). **Price: \$2.35.**

No. HS-231 "Canvas Kid." Square back, aluminum bottom, with carrying handle. **Price: \$2.75.**

Model 550 Worcester Master. 10-inch semi-pneumatic tires, cast wheels, sectional, 3-piece wood roller, oil-treated; handle of ⅝-inch tubular steel, rubber grips, five blades. **Price: 16-inch, \$26.80; 18-inch, \$28.25.**

Model 450 Wilshire. (Not shown.) A modern mower at a modest price. 10-inch semi-pneumatic rubber tired wheels, five blades, hardwood handle. Two-tone baked enamel finish. **Price: 16-inch, \$19.15.**

Model 350 Worcester Wind-sor. (Not shown.) Light weight mower. 5 blades, ball bearing, closed wheels, rubber cushioned tires, hardwood handle. **Price: 16-in., \$17.25.**

Worcester Shear Master Power Mower

Model 900. Unrivaled leader in power mowers. 21-inch cut, 4-cycle, 1½ h.p. Briggs & Stratton engine, five blades. Sealed Timken roller bearings, 10½x1.75 in. tractor tread, semi-pneumatic tires. Two-tone green baked enamel finish. **Price: \$137.75.**

Model 550 Worcester Master

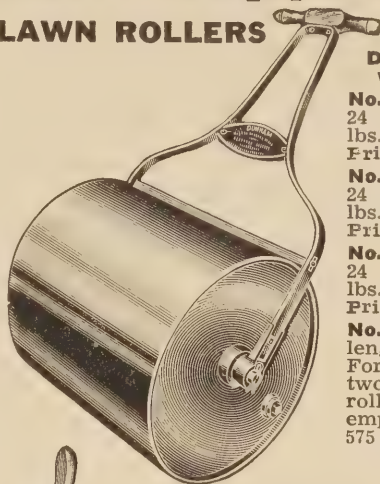
True Temper Stainless Steel Trowel



No. TS—English design. Perfectly shaped with the correct hang and balance for all general purpose use. Sharp semi-pointed blade is 5½-in. long, 3¼ in. wide. Fire hardened, resists weather and wear. **Price: \$1.30.** Mailing Weight, 1 lb.

Model 900. 21-inch

LAWN ROLLERS



Dunham Waterweight with Oilite Bearings

No. 2. Diam. 14 in.; length 24 in.; weight empty 50 lbs.; water filled 160 lbs. **Price: \$17.50.**

No. 4. Diam. 18 in.; length 24 in.; weight empty 60 lbs.; water filled 220 lbs. **Price: \$20.50.**

No. 7. Diam. 24 in.; length 24 in.; weight empty 80 lbs.; water filled 400 lbs. **Price: \$27.50.**

No. 109. Diam. 24 inches; length 32 in. (not shown.) For use by either one or two men. Equipped with roller bearings. Weight empty 100 lbs.; water filled 575 lbs. **Price: \$52.50.**

CLEMSON Lawn Mowers

Model E17. (as shown.) Full 17-inch cut. **Price: \$33.95.**

Model 17. (not shown.) 17-inch cut. **Price: \$28.95.**

Model 16. (not shown.) Cutting swath 14 inches plus. **Price: \$24.95.**

Send for complete circular showing these three Clemson Lawn Mowers.

Graswhip

Village Blacksmith No. 165. (as shown.) **Price: \$2.10.**

No. 29 True Temper Grass Whip. (not shown.) **Price: \$1.50.**

No. 62 Lightning Grass Whip. (not shown.) **Price: \$1.15.**

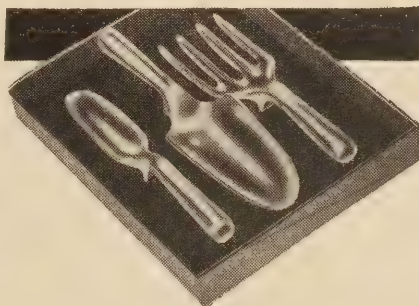


MARKLE

Featherweight Aluminum GARDEN TOOL SET

Patented finger rest. Amazing strength; featherweight lightness; no rusting. Garden Trowel, Cultivating Fork, Transplanting and Bulb Trowel.

No. 104 Deluxe Set\$3.95
No. 204 Standard Set 2.55

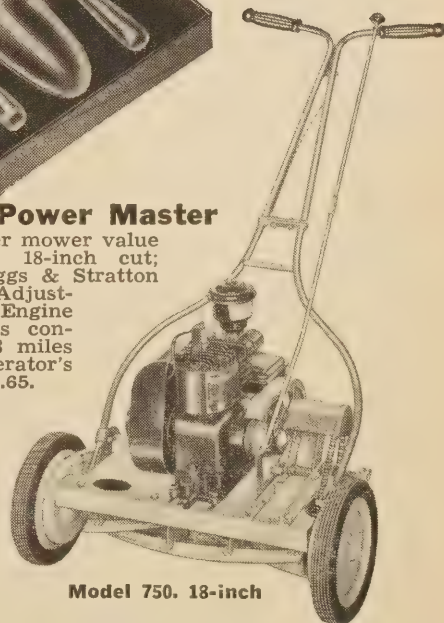


Worcester Power Master

Model 750. A power mower value that's unbeatable. 18-inch cut; 4-cycle, 1 h.p. Briggs & Stratton engine; 5 blades. Adjustable ball bearings. Engine governor maintains constant speed 1 to 3 miles per hour at operator's whim. **Price: \$112.65.**

Professional Capitol Lawn Trimmer and Edger

(Not Shown) Six-inch cut; 5 blades, 9-in. rubber tired wheel, wood handle. **Price: \$19.95.**



Model 750. 18-inch

Garden and Lawn Supplies



Soil-Soaker

Like all night rain, it really soaks the soil. Water seeps through entire length gently—no spray—puts water where you want it. All soaks to the roots. Made of scientifically treated mildew resistant canvas. One end screws to water hose, other end closed.

- No. 0. Length 12 feet. Mailing weight 2 lbs. \$1.80
 No. 1. Length 18 feet. Mailing weight 3 lbs. 2.40
 No. 2. Length 30 feet. Mailing weight 4 lbs. 3.70
 No. 3. Length 50 feet. Mailing weight 5 lbs. 6.00

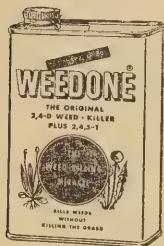
NIAGARA CODE 836 PURATURF. For control of crab grass and for control of turf diseases such as dollar spot, copper spot and little brown patch. Active ingredients: phenyl mercuri triethanol ammonium lactate 6%. For crab grass control use 4½ tablespoons per 10 gals. water applied to 1000 sq. ft. For disease control apply ½ pt. to 50 gals. water to 5000 sq. ft. of turf. Full directions on container. Ask for circular. Price: ½ gal., \$10.80.

NIAGARA CODE 994 PURATURF 177. The sensational new wettable organic cadmium fungicide for control of large brown patch, dollar spot and other fungous diseases of golf greens, lawns and fine turf grasses. Can be applied as spray or dust. Active ingredients: phenyl amino cadmium dilactate complex 20%. Use at rate of 1 lb. per 100 gals. water applied to 10,000 to 12,000 sq. ft. of turf. Full directions on label. Ask for circular. Packed 12 1-lb. pkgs. per case. 1 lb., \$2.95; case, \$29.50.

Suspension Calo-Chlor or Calo-Chlor. For control of turf diseases. Send for complete circular. 5-lb. canisters, \$5.35 lb., 25-lb. drums, \$4.95 lb., 50-lb. lots, \$4.94 lb.

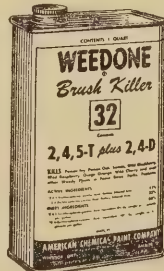
Cadminate. A cadmium compound for prevention and cure of dollar spot, etc. Price: 1-lb. can containing 32 ½-oz. packets, \$11.20 per lb. can; 5 lb. can bulk, \$9.60 per lb.

Weedone Crabgrass Killer. Contains potassium cyanate. It is not poisonous to humans and animals. One application will kill crab grass and chickweed under proper conditions, without killing clover, blue grass, fescue or other deep-rooted perennial grasses. It is easy to use, harmless to soil, clean and odorless, economical, and will not kill nearby shrubbery unless sprayed on it directly. Complete instructions on each can. 5 oz. size, \$1.00 (enough to treat 500 sq. ft. of mature crab grass or 1,000 sq. ft. of seedling). 20-oz. can, \$3.00.



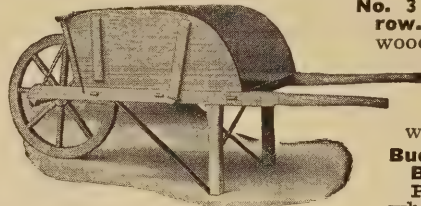
THE NEW IMPROVED WEEDONE. Contains the powerful 2,4,5-T and 2,4-D, the two most effective chemicals for killing lawn weeds, poison ivy, poison oak, honeysuckle, wild blackberries, wild raspberries and over 90 other weeds and woody plants without killing the grass. Non-poisonous to animals or humans. Kills a greater variety of lawn weeds and woody plants than any products containing only one of these chemicals. Does not give off vapors that cause injury to flowers or ornamentals. Prevents re-sprouting of tree stumps. The only all-purpose weed killer. Price: 8-oz. can, \$1.00; 1-qt. can, \$2.75; 1-gal. can, \$6.95; 5-gal. can, \$25.00.

WEEDONE BRUSH KILLER 32. This concentrated butoxy ethanol ester formulation is highly effective in killing brush and weeds in parks, playgrounds, pastures, roadsides, waterways, and any wooded area. Prevents re-sprouting of stumps. Price: 1-qt. can, \$4.00; 1-gal. can, \$8.90. Larger quantities on request.



AMMATE. Du Pont Ammate Weed Killer (Ammonium Sulfamate). For poison ivy, poison oak, etc. Ammate is applied as a water solution from a sprinkling can or sprayer or as a dry application. Use at the rate of 1 to 1½ lbs. per gallon of water per 100 sq. ft. of area. To kill all vegetation in driveways, tennis courts, etc., apply Ammate dry or as a spray at the rate of 4 lbs. per 100 sq. ft. Price: 2-lb. jar, \$1.00; 6-lb. jar, \$2.70; 50-lb. drum, \$13.75; 350-lb. barrel, \$75.25.

BUCH GARDEN WHEELBARROWS



No. 3 Garden Wheelbarrow. With 1¾-in. tread, wooden wheel. Price: \$26.50. With 2-ply 16x4 plain bearing rubber tired wheel. Price: \$35.50.
Buch Model 6B Garden Barrow. (Not shown.) Price: With steel wheel, \$14.95; with 16x2 semi-pneumatic rubber-tired wheel, \$17.95.

GATES GARDEN HOSE

Gates Plasti-cord. Rubber core with rayon cords. Green plastic cover. ½-in. diameter. Price: 50-ft. lengths, \$8.95; 25-ft. lengths, \$5.00.

Gates Full Flo Modernette. A beautiful hose made of flextron, a plastic specially compounded to give a more flexible, easier handling hose. Has full 9/16 inch inside diameter. Red or green. Price: 50-ft. lengths, \$11.25; 25-ft. lengths, \$6.25.

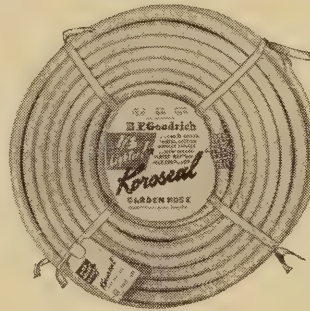
Gates Plasti-Ply. Built with two re-inforcing layers of tough plastic. Green. Popular price. ½-inch. 50-ft. lengths, \$7.95; 25-ft. lengths, \$4.45.

Gates Trucord Red. Guaranteed 10 years. Tightly braided rayon cord enables hose to withstand 650 lbs. water pressure. ½ inch. 50-ft. lengths, \$9.50; 25-ft. lengths, \$5.10.

Gates Trucord Black. ¾ inch. 50-ft. lengths, \$3.25; 25-ft. lengths, \$4.75.

Gates Ripple Black Single Braid Hose. 50-ft. lengths, \$6.45; 25-ft. lengths, \$3.65.

GOODRICH GARDEN HOSE



Goodrich Koroseal Garden Hose. Plastic in bright red or bright green. Multiple sided. 50-ft. lengths, \$9.80; 25-ft. lengths, \$5.75; 75-ft. lengths, \$13.85.

Goodrich Garden Club Green. Guaranteed 10 years. ¾ inch. 50-ft. lengths, \$3.50; 25-ft. lengths, \$5.10.

Goodrich Maxecon Black 2-Braid. Guaranteed 15 years. ¾ inch. 50-ft. lengths, \$10.75; 25-ft. lengths, \$5.75.

Goodrich Signal 1-Braid Black. ¾ inch. 50-ft. lengths, \$6.45; 25-ft. lengths, \$3.65.

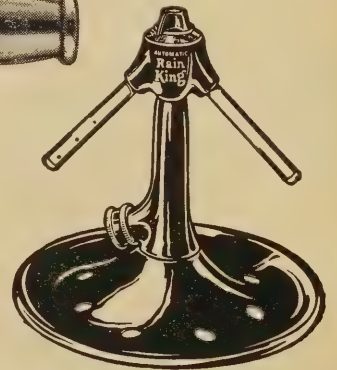
LAWN SPRINKLERS AND HOSE NOZZLES



Rain King Model N-1 Nozzle. Price: \$1.50.



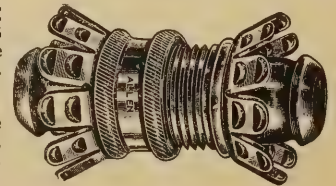
Rain King Model D Sprinkler. Price: \$5.95.



Model K Rain King Sprinkler. Price: \$8.50.

Rain King Model H Sprinkler. (not shown.) Price: \$7.65.
"Allen" Improved "Ring" All-Brass Lawn Sprinkler. Price: \$1.75.

BRASS CLINCHING HOSE COUPLINGS and MENDERS Coupling. Made in three sizes: ½ in., ¾ in., 1 in. Specify size. Price: 40c each. Add for postage.
Mender. (not shown.) Made in three sizes: ½ in., ¾ in., 1 in. Specify size wanted. Price: 17c each. Add for postage.



Farm Equipment and Dairy Supplies

Calf-Teria Nipple Pail



First choice of calf-raisers everywhere — because Calf-Teria pays for itself twice over (in milk savings) as compared to any other nipple pail on the market. 26 gauge galvanized steel 8-quart size. Price: \$3.00. Mailing weight 4 lbs. Extra nipples, Price: 60c each; Extra valves, Price: 80c each.

Dairy pails, milk strainers, cotton strainer discs, bottle carriers, bottle crates, milk cans, bottle brushes and other dairy supplies and remedies.

Mid-West Pull Milk Bottle Caps— Stock Designs



Design No. 1405 Design No. 2507 Design No. 1433
 Design No. 1395. Milk Pasteurized. (Not shown.)
 Design No. 1859. Goat Milk. (Not shown.)
 Design No. 2575. Chocolate Milk Beverage. (Not shown.)
 All above caps are 40-point board, packed in tubes of 500. Price: per 1000, \$1.40; 5000, \$1.30 per 1000; 10,000, \$1.25 per 1000. Mailing weight 4 lbs. per 1000.
 See us for your Special printed bottle and can caps.

B-K GENERAL CLEANER. 125-lb. drum, \$14.88 each; 250-lb. drum, \$29.75 each; 10-lb. carton, \$1.75; 5-lb. carton, 90c.
B-K BOTTLE KOMPOND. 130-lb. drum, \$9.88 each; 340-lb. drum, \$25.16.
B-K POWDER AND B-K LIQUID for dairy and poultry. 1-qt. bottle liquid, 90c; 1-gal. bottle liquid, \$2.00; 5-gal. bottle liquid, \$8.50. 1 3/4-lb. bottle powder, \$1.70; postpaid, \$1.85. 9 1/3-oz. bottle powder, 85c; postpaid, \$1.00.

No. 1—Calf leather neck straps, 30-in. x 1-in.. Price: \$1.25. Postpaid, \$1.40.
 No. 36. **TAN COW HALTER.** 1 1/4-inch, riveted. Weight 2 lbs. \$3.00
 No. 39 **CALF HALTER.** 1 inch. Weight 2 lbs. 2.25
PERCHERON TAN HORSE HALTER. 1 1/4-inch, sewed and riveted. Weight 4 lbs. 5.50
 No. 530. **SOLID BACK, ENAMELED CURRY COMB.** .50
 No. 1. **REFORM CURRY COMB.** 3 Corrugated Shells, oval shape, leather strap .50
 No. 100. **6-BAR OPEN CURRY COMB** .30
 No. 15. 4 coils, reversible spring steel black handle .60
 Add postage, 10c each.

Harder Silos

For many years Ross Bros. Co. has represented Harder Silo Co. We solicit your silo inquiries.

Brooms

No. 8. Hamburg Corn and Rattan Broom \$2.35
 No. 9 Hamburg Corn and Rattan Broom 2.50
 No. 10 Hamburg Corn and Rattan Broom 2.75
 No. 7. Hamburg Peerless House Broom 2.25
 No. 6 White Cross House Broom 2.35
 No. 500-D Osborn 16-in. Bass, 5-Row Push Broom with Handle 3.25

Rubbish Burners

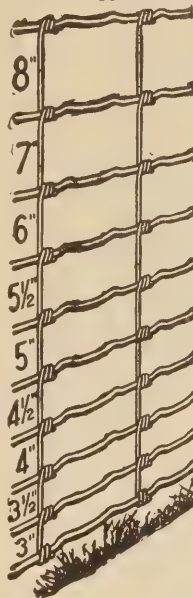
Skyscraper
 Model E. 27"x"16x16" \$ 4.95
 Model 3D. 30"x20"x20" 8.95
 Model 4D. 36"x24"x24" 14.50
Cyclone "Catchall" Basket 4.45

Certainteed Roofing Paper

Cert Smooth. 55-lb. and 65-lb. } Ask
 Guard Smooth. 45-lb. } for
 Cert Slate Surface. Red, green, black } Prices

47 INCH
10 BARS

Fence and Barb Wire



Each
80-Rod Spools Lyman. 4 pt. barb wire Market Price
80-Rod Spools. 2-ply twisted wire. Market Price
10-Rod Roll 1948-6 Specification 14 1/2
Fence Wire. 18 horizontal bars, 48 in. high, 6 in. stay .. Market Price
20-Rod Roll 1047-6 Specification 11
Fence Wire. 10 horizontal bars, 47 in. high, 6 in. stay .. Market Price
20-Rod Roll 1047-12 Specification 11
Fence Wire. 10 horizontal bars, 47 in. high, 6 in. stay. Market Price
20-Rod Roll 832-6 Specification 11
Fence Wire. 8 horizontal bars, 32 in. high, 6 in. stay Market Price
 Have the above different rolls of fence wire in specification 12 1/2 which is lighter, also priced lower.

See us for
Poultry Netting, Heavy Galvanized
Netting and Hardware Cloth.

Dairy-Vac

The original Vacuum Cleaner for cattle. Makes cattle comfortable by removing irritating dirt and lice. Mounted on large rubber tired wheels, it rolls right to the job. Dairy-Vac is the choice of leading livestock owners everywhere. Price: \$99.00

Shaffer Hand Power Units



Midget "Come-Along."
 Tested to 2000 pounds. For light duty. Equipped with 4 feet of 1/4-inch BBB high test chain. Length of travel 37 in. Price: \$8.00.

Standard "Come-Along." Tested to 6000 pounds. Equipped with 5 ft. of 3/8-in. BBB high test chain. Length of travel 47 in. Price: \$11.00.

Heavy Duty "Come-Along." Tested to 8000 pounds. Equipped with 6 ft. of 7/16-in. BBB high test chain. Length of travel 60 in. Price: \$16.00.

Send for circular giving further details.

Universal Milk Bottles

	Doz.	Gross
1 quart	Ask
1 pint	for
1/2 pint	Prices



Prices on plain and colored lettered ware quoted on request.

Sunbeam Stewart Electric Clipmaster

Ask about the New Sunbeam Stewart Automatic Heat-Control Calf De-horner. Supplied complete with soldering tip. Mailing weight 3 lbs. Price: \$14.95.



Model 51-1 Electric Clipmaster. Quiet powerful, ball bearing motor, special heavy-duty rubber cord. Mailing wt., 5 lbs. Price: \$37.95.

No. 83AU. Top blade for model 51. Mailing wt., 1/2 lb. Price: \$1.80.

No. 84AU. Bottom blade for new model 51. Mailing wt., 1/2 lb. Price: \$2.35.

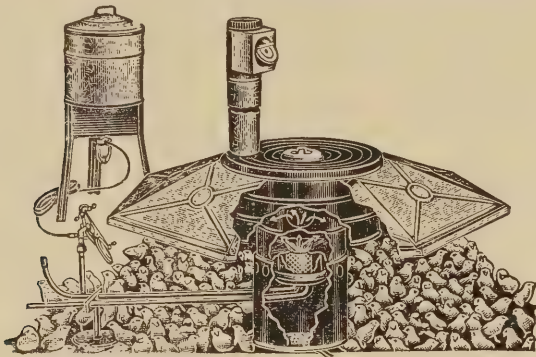
No. 41A. Drill Head (supplied without drill bits). Mailing wt., 2 lbs. Price: \$10.25.

No. 61A. Grooming brush attachment. Mailing wt., 3 lbs. Price \$17.95.

Model 318-1 Shear-master. (Not shown.) With 2 combs, 4 cutters, 110 volt AC-DC. For shearing the farm flock, tagging and shearing around the eyes of wool-blind sheep. Mailing weight 5 lbs. Price: \$46.75.

Poultry Supplies

Oakes De Luxe No-Cold Oil Brooder



BIG HEATER DRUM of blued steel, 22 $\frac{3}{4}$ -inch diameter, 7 $\frac{3}{4}$ inches deep; baffled to provide 7 feet of flame travel. DRUM easily detached from burner for complete cleaning or storing in small space. Drum has lock-seamed top and bottom edges—no gases can escape. FLUE pipe 5 inch. Perfect, carbon free, sootless combustion with kerosene or 34/40 distillate. Oxygen fed to flame through PERFORATED CHIMNEY to produce hot, intense flame. Chimney removable for quick cleaning. Uses 1 to 3 gallons fuel per 24 hours, depending upon size of house and outside temperature. Very economical to operate. Canopy is 60-inch diameter; measures 52 inches from flat side to flat side. **MAXIMUM BROODING CAPACITY:** 475 to 500 chicks.

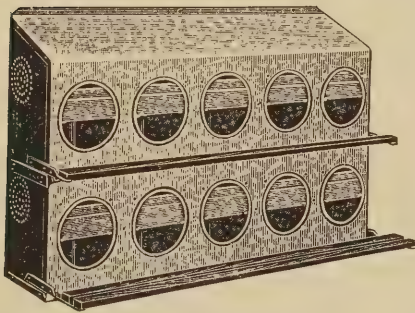
ONE SIZE ONLY comes complete with 7-gallon galvanized fuel tank, draft equalizer, flue cap, thermostat valve, sediment trap, fuel and overflow pipe, necessary fittings, canopy and heat deflector.

No. 560 NO-COLD OIL BROODER. Price: \$35.20.

No. 361 FUEL TANK STAND. Extra. Price: \$1.60.

Included is a line of Oakes Chick feeders, broiler feeders, flock feeders, Mason jar fountains, chick fountains of all sizes from 1 gallon to 3 gallons. We also have "Oakes" oil, wood and electric brooders, egg scales, egg baskets, roof saddles, nests, and small electric incubators and brooders; also battery brooders.

Oakes Galvanized Nests



Sanitary, durable, comfortable. Each nest 11 $\frac{1}{2}$ inches wide, 13 inches deep, 13 $\frac{1}{2}$ inches high. Round entrance hole is 9 inches in diameter. Provide one nest for each 50 hens. For 100 hens you need two. **No. 580 Nests.** Easy to assemble with bolts, nuts and metal bracing clips furnished.

No. 580. 10-Hole Nest. \$16.40

Shipping weight, 43 lbs. Traps extra.

No. 590. Set of 5 Trap Doors. 2 sets needed for nest.

Set of five 4.25

No. 1265. Oakes Brooder Thermometer \$0.40

No. 263A. Oaks Incubator Thermometer 1.20

Add 10c for postage.

Celluloid Bands

Assorted Colors		Doz.	100	1000
No. 4. Baby Chick		\$0.10	\$0.40	\$3.00
No. 5. Pigeon		.10	.40	3.25
No. 6. Growing Chicks		.15	.50	4.00
No. 7. Bantams		.15	.50	4.25
No. 9. Leghorns		.15	.70	5.75
No. 10. Wyandottes		.15	.75	6.00
No. 11. Rocks, Red		.15	.80	6.50
No. 12. Jersey Giants, Brahmas		.15	.85	7.50
No. 13. Large Cocks, Turkeys		.20	1.00	9.50

Postpaid.

3x4 Chip Egg Boxes—Handy for Retail Trade

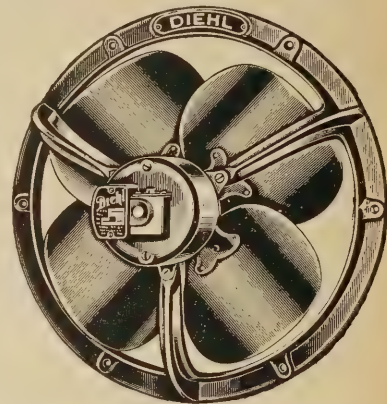
	Weight	Price
Dozen	2 lbs.	\$0.35
Bundle of 250	25 lbs.	4.60

Ask for prices in larger quantities.

VENTILATING FANS for POULTRY HOUSES and Other Farm Applications

Diehl

These ball bearing ventilating fans are ideally suited to this type of service. They offer protection against dust, moisture and similar factors encountered in poultry house operations, and can be installed with a minimum of time and expense.



No. 9EQD16.

Price: \$35.80.

No. 12EQD16.

Price: \$38.80

No. 16EQD16.

Price: \$43.60

Alt. Cur.	Size (in.)	Appr. R.P.M.	Appr. C.F.M.	Catalog No.	
				Fan	Regulator
110-120 Volts	9	1575	450	9EQD16	1101-107
	12	1525	950	12EQD16	1101-305
60 Cycles	16	1065	1130	16EQD16	1101-305

Graylawn Farm Louse-Chase

Kills every louse at trifling cost. 9-oz. can, 50c; 22-oz. can, \$1.00.

Oakes Sturdy-Boy Wafer Thermostats

No. 416W. 3-inch double brass wafer for all coal brooders, many oil brooders and incubators. 45c each.

No. 16W. 3-inch double brass wafer for oil brooders, screw stud. 53c each. Add 10c for postage.

Water Glass

This preparation is used by many in preference to the dry powder. The preservative will preserve eggs perfectly.

Price: 1 pt. (weight 3 lbs.), 25c; 1 qt. (weight 4 lbs.), 40c; 1 gal., \$1.25.



Husky

Day Old Chicks

Guaranteed safe arrival when shipped direct from the hatchery.

We are sure that if you order your chicks from us you will be well satisfied.

WALKO TABLETS. A valuable Drinking Water Antiseptic for all poultry at all ages. Small pkg. 50c; postpaid, 60c. Large size pkg., \$1.00; postpaid, \$1.10.

No. 64. OAKES MASON JAR FOUNT. Sani-Flow all-glass pan fits into neck of any size Mason Jar. Operates on vacuum principle. No clips, easy to clean. Mailing weight, per doz., 15 lbs. 17c each; doz., \$1.95.

THE ACME EGG-GRADING SCALE. Back again after the war. Price: \$3.40. Mailing weight 2 lbs.



No. 10051. Smith Gates Automatic Electric Poultry Water Warmer. It keeps the water at a controlled temperature of 50° F. Completely insulated throughout and

can be used anywhere without fear of electric shock or fire hazard. Shipping weight 1 lb. Price: \$5.55.



Androck Rubber Coated Egg Basket

No. 2393. Heavy black rubber coating prevents breaking of eggs. Capacity 15 dozen eggs. Holds $\frac{1}{2}$ bu. Mailing weight 5 lbs. Price: \$2.75.

Poultry Supplies

Pratt's Poultry Remedies

POULTRY REGULATOR. Tones up system, regulates bowels, aids digestion, sharpens appetite, wards off disease and increases vitality. Use it the year round for breeders, layers and growing stock. 2 3/4-lb. pkg., 80c; 6-lb. pkg., \$1.60; 35 lbs., \$7.50.

POWDERED LICE KILLER. Is powerful, economical, non-poisonous and non-irritating. For use on poultry, in dustbaths, nests, on dogs, cats, horses, cattle, hogs, and sheep. In sifter-top cans at 50c and \$1.00; 60c and \$1.10, postpaid.

POULTRY TABLETS. Makes the drinking water safe, tones up the chicks and effectively treats most diarrheal troubles. Price: 35c and 70c. Postpaid 45c and 80c.

PRATT'S ROOST PAINT. 1/2-pt. can, 75c; 1-pt. can, \$1.25; 1-qt. can, \$1.85.

DISINFECTANT. Cheap, powerful, non-poisonous disinfectant. 1 qt. (weight 3 lbs.) \$1.00; 1 gal. (weight 11 lbs.), \$2.80.

PRATT'S "SPLIT ACTION" (Worm). For eradication of tape and round worms in poultry. Adult size, 50 tablets, 85c; 100 tablets, \$1.50; 500 tablets, \$6.00. Chick size, 50 tablets, 55c; 100 tablets, \$1.00; 500 tablets, \$4.35.

Dr. Hess' Poultry Remedies

DR. HESS POULTRY PAN-A-MIN is of high value to moulting hens, in egg production, in reducing chick mortality, in bone and feather growth, and in maintaining health. Small size, 40c; 5 lbs., \$1.10; 10 lbs., \$1.90; 35-lb. pall, \$5.25.

POULTRY TABLETS (Roup). Price: 30c, 55c and \$1.10. Postpaid, 40c; 65c and \$1.20.

CHICK TABLETS (Diarrhoea). Price: 30c; 55c; and \$1.10. Postpaid, 40c; 65c; and \$1.20.

POWDER LOUSE KILLER. 1-lb. pkg., 35c; 2 1/2-lb. pkg., 75c. Postpaid, 45c and 90c.

DIP AND DISINFECTANT. 1-qt. size, \$1.05; 1 gal., \$2.80.

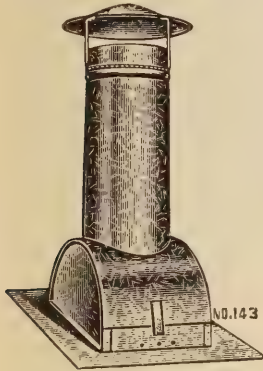
Oakes Adjustable Roof Saddle

Pipes and caps as shown.

No. 85C. Oakes Revolving Cap. 5-inch. \$1.10.

No. 143. For 5-inch pipe. Mailing weight 6 lbs., \$2.50.

No. 143C. 5-inch pipe cap. 48c



Metal Egg Crates

For sending eggs by Parcel Post.

1-dozen size	.....	\$1.75
2-dozen size	.....	2.00
3-dozen size	.....	2.50
4-dozen size	.....	3.00
6-dozen size	.....	3.50

Jiffy-Way Egg Scale

The Jiffy-Way grading scale of new streamline design with four-color zone dial doubles grading speed, for you see instantly the correct weight and grade.

No. JW-5517. Mailing weight 2 lbs. Price: \$1.85.

Oakes Egg Basket

No. 15A. Mailing weight 5 lbs. \$1.25 each; \$12.50 per doz.

Cel-O-Glass

CEL-O-GLASS is a glass substitute used by poultry raisers, also by growers for hotbeds. Has many other uses. Du Pont product. Comes in 25, 50 and 100-ft. rolls, in widths 28 in. and 36 in. We offer subject to our being able to obtain from the manufacturer. Price: 16c per sq. ft. in cut lengths; 15c per sq. ft. in full rolls.

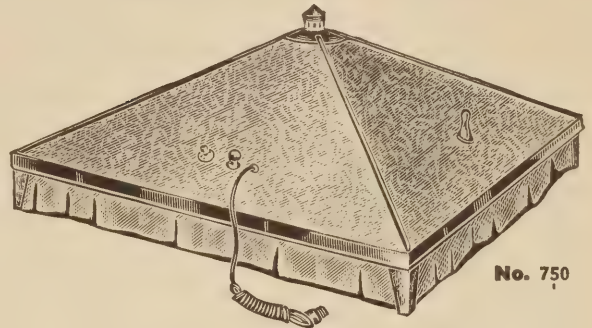
Warp's Window Materials

GENUINE FLEX-O-GLASS. The leading window material. Lets through more healthful ultra-violet rays than other substitutes. Holds in heat better than glass. 36 inches wide. 100-yd. roll, \$60.00; 50-yd. roll, \$30.00; 25-yd. roll, \$15.00; cut price, 60c per yd.

WARP'S WYR-O-GLASS. Wire-base glass substitute; plastic glass. Extra high in ultra violet ray transmission. 36 inches wide. 50-yd. roll, \$52.50; 25-yd. roll, \$26.25; cut price, \$1.05 per yd.

WARP'S GLASS-O-NET. Mesh Base Glass substitute. A plastic glass covered netting. Very transparent, high ultra-violet ray transmission. Can be washed with soap and water. 36 inches wide. 50-yd. roll, \$36.00; 25-yd. roll, \$18.00; cut price, 72c per yd. Samples gladly sent upon request.

Oakes Electric Brooders



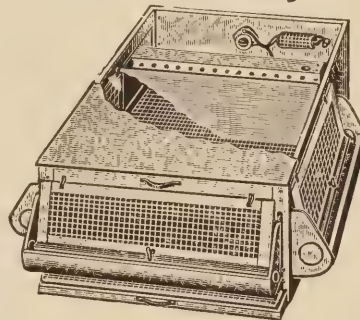
No. 750

No. 750. Fan type 52x52 Canopy. Capacity 350 to 385 chicks \$43.75

No. 751. Fan type 48x72 canopy. Capacity 500 chicks. 51.40

NEW ELECTRIC BROODER, No. 700. 100 to 150 capacity. Complete with drop cord, auto heat control. Weight 29 lbs. Price: \$13.60.

Oakes "Gro-Ezy" Electric Brooder



Gro-Ezy Brooders are made entirely of metal; easy to clean. Has guaranteed heater, 110-volt AC automatic thermostat, troughs and drop cord.

No. 801A. Single unit, shipping weight 42 lbs., \$18.38.

See Us for Oakes Complete Batteries

Oakes Founts

OAKES DOUBLE WALL FOUNTAINS are made of heavy gauge Armco zinc grip steel. Double wall helps to keep water cool in summer and warm in winter. Top and can electric seam welded. Modernistic, roost-proof, smooth rounded tops are die-stamped. Easy grip U-shaped handle for carrying. BRASS SPRING VALVE used on 3-, 5- and 8-gallon sizes only. No. 502, 2-gallon size, operates on vacuum principle. Attractive baked red enamel trim.

No. 502. 2-gal. Cap. Mailing weight, 6 lbs. Price: .. \$2.52

No. 503. 3-gal. Cap. Mailing weight, 7 lbs. Price: .. 3.20

No. 505. 5-gal. Cap. Mailing weight, 11 lbs. Price: .. 4.50

No. 508. 8-gal. Cap. Mailing weight, 15 lbs. Price: .. 6.75



503

Oakes New Drum Type Gas Brooder



Very economical operation. Automatic temperature control. Enclosed burner—no fire hazard. Can be hung from ceiling. Shipping weight 70 lbs. Price: \$32.50.

OAKES BLUE FLAME OIL BROODER. (Not shown.) Canopy 60-inch diameter. No. 852. Price: \$22.70.

Paragon Poultry Clocks

Model P530 Poultry Time Clock. Morning and evening lighting with dimming. Price: \$11.50.

Model PIP Portable Plug-In Poultry Time Switch. Price \$13.50.

RELIABLE ELECTRIC CABINET INCUBATORS.

No. 170. Capacity 400 chicks, 4 trays \$108.00

No. 171. Capacity 600 chicks, 6 trays 123.40

No. 172. Capacity 1200 chicks, 8 trays 175.25

No. 173. Capacity 2100 chicks, 14 trays 254.70

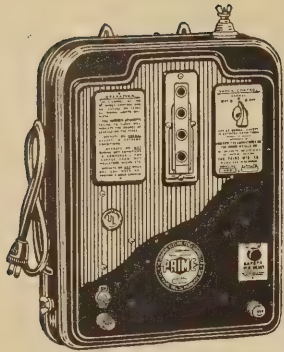
Farm and Garden Supplies

Prime Electric Fence Controllers

Model No. 486

with
Multiple Signal Lights and
Shock Control

Now—a controller with fully automatic signalling means. The Multiple Signal Light System tells you, automatically and accurately, just what condition your fence is in. If your fence is in good condition—no shorts—all four lights will flash. As soon as any leakage occurs, one or more of the lights will stop flashing. The Shock Control Switch enables you to select the right shock for wet, normal and dry conditions. This controller tells you whether or not it is being used properly.



486
110-120 V., 60 Cycle
Price: \$44.50.

Copper Crown Electric Fence Wire

Copper Covered Steel

Heavy, welded on copper covering protects from rust, 30% copper, 70% steel. Copper Crown Wire carries just as hot a shock as larger sized smooth or barbed wire. Price: Per 160-rod spool, \$9.75. Mailing weight 15 lbs.



Electric Fence Post for Electric Fencing

No. 700-T ELECTRIC FENCE POST

A "Tee" iron post 54 in. high with large size anchor plate with 2 insulators and mountings. Finished in bright rust resistant red enamel. Packed 10 to carton. Sold only in units of 10. Shipping weight per carton, 32 lbs. Price: 75¢ each.

CHIMNEY SWEEP SOOT DESTROYER

Cleans soot and scale from firebox to chimney top. Saves fuel—gives more heat for less money. Safe, non-flammable, non-explosive. Regular use helps prevent chimney fires. For use in coal, oil and wood burning furnaces, fireplaces and stoves.

New Improved

1-lb package \$0.59
3-lb. package 1.39
New Liquid Type. For all oil and kerosene heating and cooking units. Primary application 1 pint for every 125 gallons. Price: 1 pt., \$1.39; 1 qt., \$2.49. Add for postage.

Sudbury Soil Test Kits



De Luxe Model A

Contains complete equipment—test tubes, funnels, filter paper, pure tin stirring rod, built-in test tube rack, etc. Solutions for 200 tests for nitrogen, phosphate, potash and acidity (pH). Easy-to-understand instructions. Handsome hardwood lifetime chest. Price: \$29.95.

Horticultural Model B. As complete as the De Luxe Professional Model but smaller in size, with less soil testing solution. Full instructions. Wooden chest. Price: \$14.95.

Jr. Professional Model C. Makes the same tests as the Horticultural Model, but has less equipment. Solutions for 50 tests. Full instructions. Leathertex case. Price: \$5.89.

Home Garden Model D. (Makes 20 tests.) Price: \$2.96.

Battery Operated Model

No. 333

A portable, weatherproof controller. Space in cabinet for hot-shot battery. Equipped with signal light, specially designed motor and transformer, fence terminals for normal and dry conditions, built-in lightning arrester. Price: \$28.95.

See us for Insulators, Spring Tie Clips, Arresters, etc.

Parmak Electric Fence Controllers

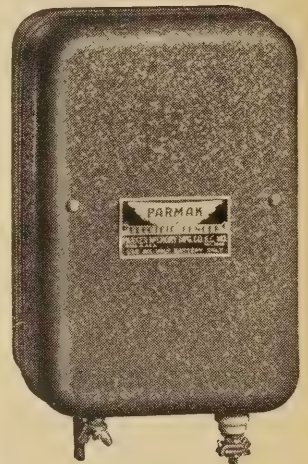
Quality and Dependability at Low Cost

Stocker Model (as shown). A well constructed, low cost model for indoor installation. In heavy steel case. Baked enamel finish. Uses any type 6 volt battery. Price: \$13.75.
Standard Field Model (not shown). Weatherproof portable outdoor model in heavy steel case, with sealed unit and battery compartment, charges up to 15 miles of fence. Price: \$19.85.

Deluxe Field Model (not shown). Excellent precision model, charges up to 30 miles of fence. Price: \$22.50.



A



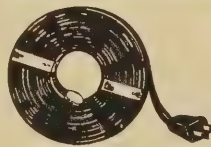
Parmak Vita-Valve Model

(as shown) Combination

Operates from either 110 Volt AC current or 6 volt battery. One of the finest combination electric fences. Price: \$32.50.

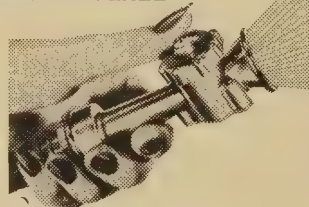


THERMOTAPE



Use Fused Electric Thermotape 100% safe, ready to use! Just plug it in! Thermotape only goes to work when the temperature drops to near freezing, but it is always on the job ready to protect water pipes. Thermotape is available in several convenient lengths, all for plug-in use on 110 volt services. Use the adjustat for thermostat controls for Thermotape. Adjustat gives automatic control when used with Thermotape within range of 20° to 80° F. by simply turning the control knob for the desired temperature wanted.

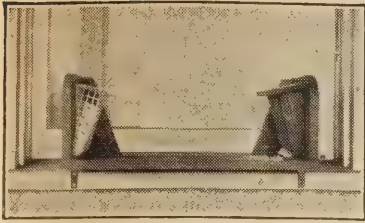
ELKAY VALVE HOSE NOZZLE



No. TTF20. Fused Thermotape, 20' long. Mailing wgt. 2 lbs. Price: \$6.15.
No. TTF40. Fused Thermotape, 40' long. Mailing wgt. 2 lbs. Price: \$9.15.
No. TTF60. Fused Thermotape, 60' long. Mailing wgt. 3 lbs. Price: \$13.35.
No. TSA935. Adjustat Adjustable Temperature control. Mailing wgt., 1 lb. Price: \$5.75.

From a powerful jet to the softest mist at the tip of your finger. Precision built. Fingertip control. Instant and complete shutoff right at the nozzle. Made of Zamack, an amazingly lightweight non-corrosive metal alloy. Mailing weight 2 lbs. Price: \$1.50.

Bird Houses, Baskets and Flower Pots

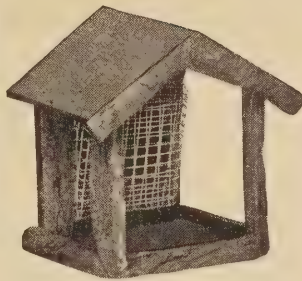


No. 111

BISHOP'S BIRD HOUSES

- No. 111.** Window Feeder. Shipping weight 10 lbs. Price, \$4.90.
No. 117. Six Way Feeder. Shipping weight 6 lbs. Price, \$3.90.
No. 116. Seed Feeder. Shipping weight 3 lbs. Price, \$1.50.
No. 110. Combination Shelter. Shipping weight 6 lbs. Price, \$3.70.
No. 81. Bluebird House. Shipping weight 5 lbs. Price, \$1.80.
No. 3. Robin Shelter. Shipping weight 6 lbs. Price, \$3.40.
No. 120. Weathervane Feeder. Shipping weight 12 lbs. Price, \$13.80.

Many other Feeders and Houses. Send for complete booklet. Complete stock of Bird Suet Cakes, etc. Also get prices on Ross' Wild Bird Food Mixture.



No. 110

Standard Pots, Pans and Saucers

Inside measurements, width and depth equal.

	POTS			SAUCERS			BOTH		
	Ea.	Doz.	100	Ea.	Doz.	100	Ea.	Doz.	100
3 in.	\$0.05	\$0.35	\$2.50	\$0.05	\$0.30	\$2.35	\$0.08	\$0.60	\$4.35
4 in.	.07	.55	4.00	.05	.35	2.95	.10	.80	6.25
5 in.	.10	.95	7.00	.05	.50	3.90	.13	1.25	9.85
6 in.	.12	1.25	10.00	.07	.70	5.85	.17	1.75	14.00
7 in.	.20	2.25	17.50	.10	.95	7.80	.25	2.75	22.00
8 in.	.30	3.25	25.00	.12	1.35	11.50	.37	4.00	33.00
9 in.	.40	4.25		.18	1.80		.55	6.00	
10 in.	.60	6.25		.25	2.75		.75	8.00	

Positively no flower pots or saucers sent parcel post.

Bulb Pans

	Each	Doz.	100
6 in.	\$0.15	\$1.50	\$10.50
7 in.	.25	2.25	17.50
8 in.	.35	3.50	25.00
9 in.	.50	5.00	39.00
10 in.	.60	6.25	50.00

TRELLISES, FENCE AND ARBORS

No.	Description	Price
No. 130	Trellis. 8 ft. high, 30 in. wide	\$ 2.85
No. 124	Trellis. 8 ft. high, 24 in. wide	2.50
No. 118	Trellis. 8 ft. high, 18 in. wide	2.10
No. 812	Tulip Fence. 12 in. high, 6 ft. long	2.20
No. 818	Garden Fence. 18 in. high, 6 ft. long	2.75
No. 824	Garden Fence. 24 in. high, 8 ft. long	5.85
No. 836	Garden Fence. 36 in. high, 8 ft. long	5.95
No. 700	Arbor	10.50
No. 720	Arbor	16.95
No. 730	Arbor	18.95
Posts.	For No. 836 fence	1.85

Evergreen Round Painted Green Flower and Garden Stakes

No.	Description	100	Doz.
No. 24.	3/8 inch diameter, 24 inches long	\$ 3.50	\$0.55
No. 30.	3/8 inch diameter, 30 inches long	4.00	.65
No. 36.	1/2 inch diameter, 36 inches long	8.50	1.00
No. 48.	5/8 inch diameter, 48 inches long	12.50	1.75
No. 60.	3/4 inch diameter, 60 inches long	16.00	2.25

RUTLAND FIRE CLAY CO. PRODUCTS

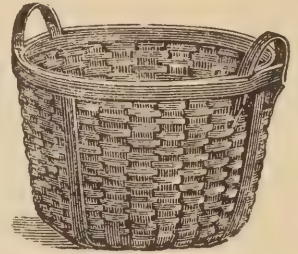
Rutland Patching Plaster	Rutland Black Asphalt Paint
2 1/2-lb. pkg. \$0.30	1-qt. can \$0.69
5 -lb. pkg. .... .50	1-gal. can 2.25
15 -lb. pkg. 1.10	
Rutland Spackling Compound	Rutland Furnace Cement
1-lb. pkg. .... .20	1-lb. can ..... .20
5-lb. pkg. .... .75	5-lb. can ..... .75
Rutland Concrete Patcher	Rutland No-Tar-In Roof Coating
5-lb. pkg. .... .45	1-gal. can 1.15
25 -lb. bag 1.10	5-gal. can 4.25
Rutland Black Enamel	Rutland No. 4 Black Roof Cement
1/2-pt. can ..... .25	1 -lb. can ..... .20
1-pt. can ..... .40	2 1/2-lb. can ..... .45
Rutland Stove Lining	5 -lb. can ..... .80
2 1/2-lb. pkg. .... .30	10 -lb. can 1.35
5 -lb. pkg. .... .50	

Strapped Bushel Basket

4- bushel	.....	\$5.95
3- bushel	.....	4.90
2- bushel	.....	3.60
1 1/2-bushel	.....	2.95
1- bushel	.....	2.35

Woven Picking Basket

Size	Price
1/2-bushel, drop bail	.. \$1.40



Oxford Stave Basket

	Each
1 bushel	..... \$2.00
1/2-bushel, drop handle	..... 1.50

Baskets

VERBENA AND PANSY BASKET

Used largely for Pansies. \$35.50 per 1000; \$3.85 per 100. Mailing weight 24 lbs. per 100.

FOUR-QUART GEORGIA TILLS

For roadside container. \$43.50 per 1000; \$4.70 per 100. Mailing weight 33 lbs. per 100.

THREE-QUART VIRGINIA TILLS

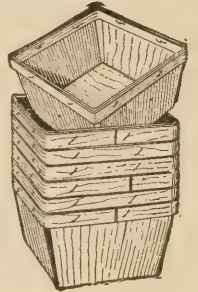
\$42.00 per 1000; \$4.55 per 100. Mailing weight 32 lbs. per 100.

TWO-QUART MISSISSIPPI TILLS

\$35.50 per 1000; \$3.85 per 100. Mailing weight 24 lbs. per 100.

One Quart All-Wood Berry Baskets

	1000
Strawberry	..... \$17.50
Tight Cover (for Blueberries)	.. 21.00
Oval Pints	..... 16.75
Strawberry qts., \$1.95 per 100; Oval pts., \$1.90 per 100. Tight corner qts., \$2.25 per 100. Mailing weights: quarts, 12 lbs. per 100; pints, 8 lbs. per 100.	



Bale Handle Market Baskets

No.	Size	Dimensions	Price
1	1 pk.	18"x10"x6"	..... \$1.30
2	1/2 bu.	21"x12"x6 1/2"	..... 1.45
3	3/4 bu.	23"x13"x7"	..... 1.65
4	1 bu.	24"x15"x8"	..... 1.95
5	1 1/2 bu.	25"x16"x8 1/2"	..... 2.30

Wet Wash Clothes Basket

No.	Dimensions	Price	No.	Dimensions	Price
2	26"x16"x9"	..... \$2.90	4	30"x20"x10"	..... \$3.65
3	28"x18"x10"	..... 3.25	5	32"x20"x10"	..... 4.25

Tree Labels

Copper wired, 3 1/2 inches. Weight 5 lbs. Per 1000 \$5.00

Pot Labels

	Wt. per 1000	100	1000
4 in.	4 lbs.	..... \$0.50	\$3.85
6 in.	5 lbs.	..... .60	4.75

Garden Labels

	Wt. per 1000	100	1000
8 in.	14 lbs.	..... \$1.15	\$10.25
10 in.	17 lbs.	..... 1.35	12.00

Plant Sticks

For pot or garden use. Square; painted green.

	Each	100	Each	100
1 1/2 ft.	..... \$0.03	\$2.35	3 1/2 ft.	..... \$0.13
2 ft.	..... .04	3.00	4 ft.	..... .16
2 1/2 ft.	..... .05	3.85	5 ft.	..... .23
3 ft.	..... .09	8.50	6 ft.	..... .26

No. 1. DESHLER RURAL MAIL BOX. Price: \$2.95
KATCH-ALL WIRE RAT TRAP. 18 in. long, 8 in. wide, 7 1/4 inches high. Price: 1.75

LOG CHAINS with grab hook and slip hook.
 5/16"x14'. Weight 16 lbs. Price \$ 6.34
 3/8"x14'. Weight 23 lbs. Price 9.06
 1/2"x14'. Weight 26 lbs. Price 10.24
 3/4"x14'. Weight 41 lbs. Price 15.82

Dietz Lanterns

Monarch Lantern. With clear globe	..... \$2.00
Monarch Lantern. With ruby globe	..... 2.30
No. 2 Delite Lantern. With clear globe	..... 2.50
Little Wizard Lantern. With ruby globe	..... 2.35
Fitzall Globe. (Clear) for Monarch Lantern	..... .28
Fitzall Globe. (Ruby) for Monarch Lantern	..... .65

Farm and Garden Supplies

Train-etts



**NEW!
DIFFERENT!**

**Weatherized
TRELLIS
NETTING**
Ideal support for
Sweet Peas, Gar-
den Peas, Pole
Beans, Tomatoes,
Cucumbers.

Grows finer and
larger flowers and
vegetables. Hung
with ease in five
minutes; no fuss
or bother. Use in-
stead of string or

wire. (Wire in sun burns delicate tendrils).

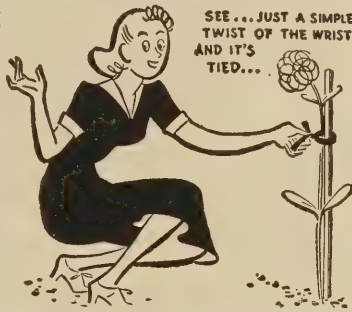
Doesn't rot like string—lasts several seasons. In three
sizes: No. 1, 60x72 in., 65c; No. 2, 60x96 in., 85c; No. 3,
60x180 in. \$1.25. Add 10c for postage.

Help You to Support Plants Quickly, Neatly, Permanently.

Say "goodbye" to un-
sightly twine and raffia,
to needless work with
shears. Say "hello" to
TWIST-EMS, to garden-
ing fun, to lovely plants
neatly and properly sup-
ported. TWIST-EMS—
strong, dark-green "in-
visible" tapes with wire
reinforcing—protect
stems, permanently sup-
port annuals, perennials,
vines, shrubs and vege-
tables. Grand for flower
arrangement. Millions
used by successful nurs-
ery men, professional
and amateur gardeners.
Buy today.

(B) Pkg. of 100, 8-inch size 25c. (C) Pkg. of 200, 4-inch
size, 25c. (D) Pkg. of 100, 16-inch size, 50c. (E) Pkg. of
50, 8-inch size, 15c. (G) 250-ft. continuous roll, \$1.00 per
roll. Add 10c pkg., any size, for postage.

TWIST-EMS

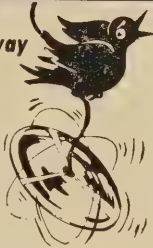


SEE... JUST A SIMPLE
TWIST OF THE WRIST
AND IT'S
TIED...

FLYING DISK

SCARE Birds and Animals Away

Amazing protection for newly
planted seeds, berries, tender
seedlings, fruit trees, etc. Made
of shining aluminum, FLYING
DISKS spin and whirl madly
in all directions—give blinding
reflections and weird jingling,
crackling sounds—to scare
birds and animals away. Easily
strung across area to be pro-
tected—or from branches of
fruit trees and vines.



10 FLYING DISKS with complete instructions, only 25¢
Sent postpaid, 35c.

Bushman Saws

(Steel Frame) with Swedish Steel Blades



- No. 34—Lightweight 24" Blade. Price: \$2.90.
- No. 35E—30" Blade with extended handle. Price: \$3.50.
- No. 36E—36" Blade with extended handle. Price: \$3.90.
- No. 25—42" Blade, adjustable frame. Price: \$6.90.
- No. 50—24"x1" Saw Blade. Price: \$1.15.
- No. 51—30"x1" Saw Blade. Price: \$1.25.
- No. 53—36"x1" Saw Blade. Price: \$1.50.
- No. 55A—42"x1 3/16" Saw Blade. Price: \$1.65.

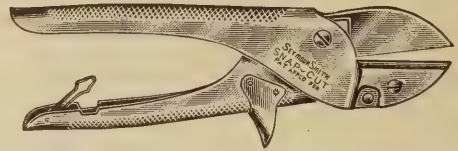
Simond's One-Man Saws

- No. 111.
3 ft. \$6.75
- No. 111.
3 1/2 ft. 7.75
- No. 111.
4 ft. 8.55



No. 392 Supplementary D-Handle, extra65c
Also Simond's Two-Man Cross Cut Saws, Curtis One-
Man and Two-Man Saws, Disston and Atkins Pruning saws.

Snap-Cut Pruning Shears



No. 419. The new lightweight streamlined "Snapcut"
aluminum alloy body. Outstanding length 8 inches. (Not
shown.) Price: \$2.75.

No. 119. Original "Snapcut" finished in bright chromium
plate. Length 8 inches (as shown). Price: \$2.75.

No. 118. Ladies' "Snapcut" pocket size. Length 6 inches
(not shown). Price: \$2.10.

Add 15c for postage.

"Tiffany" All Steel Tree Pruners



Cuts from both sides of the
limb and does not bruise the
bark. Cuts 1 1/2-inch limbs with
ease. Light, powerful and
practical. The blade has the
draw cut principle and cuts
very smoothly.

Length, 20 in.; weight, 2 1/2 lbs.
Price: \$4.25.

Length, 24 in., weight, 3 lbs.
Price: \$4.50.

Length, 28 in.; weight, 3 1/2 lbs.
Price: \$4.75.

Seymour Smith No. 3 Standard Tree Pruner

With Lever Handle

6 ft.	\$4.00
8 ft.	4.50
10 ft.	5.00
12 ft.	5.50

Clyde Pruners

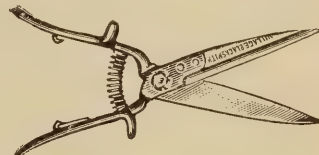
The Clyde Drawcut Pruners produce a powerful sliding
cut movement of the blade. The blade hook and shank
are forged from tool steel.

No. 5403. 22 in Drawcut, strapped ash handles\$7.55

No. 5402. 24 in. Drawcut, strapped ash handles 8.00

Grasnip

No. 4 Village Blacksmith
Grasnip Grass Shear.
Temper Tool steel. Blades
polished on both sides
Mailing weight 2 lbs.
Price: \$1.65.



Babcock Quality Ladders Selected Air Dried Stock

New York Truss Step Ladder
3 ft. to 10 ft.\$1.15 per ft.

Eastern Extension Ladders
20 ft. to 32 ft. ..\$1.10 per ft.
34 ft. to 44 ft. .. 1.15 per ft.

Taper Single Ladders

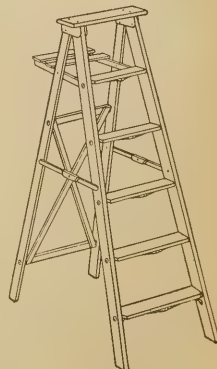
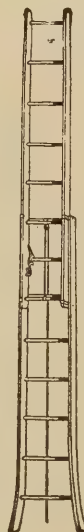
10 ft. to 18 ft.90c per ft.
20 ft. and 22 ft. ..98c per ft.

Closed Top Fruit Single Ladders

8 ft. to 22 ft.\$1.05 per ft.

Columbia Fruit Step Ladder

4 ft. to 10 ft.\$1.50 per ft.



Farm and Dairy Supplies

Dr. Naylor's Veterinary Products

MEDICATED TEAT DILATORS. For the treatment of spider teat, scab teats, cut and bruised teats, obstructions. Medicated, packed in antiseptic ointment. **Large pkg. (45 dilators), \$1.00; postpaid, \$1.10. Trial pkg. (16 dilators), 50c; postpaid, 60c.**

UDDER BALM. Antiseptic ointment, stays in prolonged antiseptic contact, reduces danger of infection. Soothing, healing ointment for many everyday uses. **Price: 60c; postpaid, 70c.**

UDDER LINIMENT. Antiseptic massage cream, relieves soreness, reduces congestion. **Price, \$1.00; postpaid, \$1.10.**

LINITE. Antiseptic compound for stubborn conditions, hoof rot, canker, thrush. **Price, \$1.00; postpaid, \$1.10.**

DIRENE. Antacid, intestinal astringent for simple diarrhea, acid indigestion. **Price: \$1.00; postpaid, \$1.10.**

TONIC POWDER. For horses and cows. Stimulant, tonic, aids digestion. **Price, 75c; postpaid, 85c.**

STOP-A-LEAK. For cows' teats that leak milk. Tightens muscle end of teat. **Price, \$1.00; postpaid, \$1.10.**

LOUSE POWDER. Dr. Naylor's Louse Powder contains 55% active ingredients. Kills lice on cattle, horses, goats, etc. **Price: 12-oz. pkg. 60c; postpaid, 70c.**

DEHORNING PASTE. A quick and economical method of dehorning young animals. 4-oz. jar, price, \$1.00; postpaid, \$1.10.

ANTI-SEPTIC DUSTING POWDER. For galls, blisters, skin irritations. **Price, 50c; postpaid, 60c.**

KOW KARE. The concentrated tonic, conditioner and regulator to promote assimilation, aid low cost milk production and build up vigor for calving. **\$1.00 size, mailing weight 2 lbs.; \$1.50 size, mailing weight 4 lbs.**

BAG BALM. For teat and udder ills and all farm healing. **\$1.00. Mailing weight 1 lb.**

BAG BALM DILATORS. For quick healing of spider scales, bruises, etc. 25 dilators sterilized and packed in Bag Balm. **\$1.00, mailing weight 1 lb.**

Penstix

Mastitis caused by Streptococcus agalactiae can now be controlled easily with Penstix product of Wyeth, Inc. Easy to use. Penstix are ready for immediate insertion without troublesome accessories. Just remove from vial and insert with clean hands and ordinary sanitary precautions. Full directions with each vial.

Vial of 12. Price: \$3.19; postpaid, \$3.30.

Vial of 6. Price: \$1.89; postpaid, \$2.00.

"Kant Suk" Weaners

No. 1055 for Calves. Price: 40c.

No. 1055½ for Yearlings. Price: 50c.

No. 1056 for Cows. Price: 60c.

Mailing weight 1 lb.

Sterling Salt Bricks

Plain. 15 4-lb. bricks to case	Each	Case
	\$0.25	\$3.00
Iodized. 15 4-lb. bricks to case	.30	3.25
Trace Mineral Blusalt. 15 4-lb. bricks to case	.35	3.50

Also 50-lb. pasture blocks of all three of the above.

COW TIES. No. 2/0 open ring, 3 ft., price, 85c; 3½ ft., price, 95c; 4½ ft., price, \$1.10. No. 2/0 Tenso tie out chains, 20 ft., price, \$1.45; 30 ft., price, \$1.95.

Johnson & Johnson Cotton Discs

6 in. 300 to carton. Plain ...\$2.20—Single face ...\$2.95

6½ in. 300 to carton. Plain ... 2.35—Single face ... 3.25

Mailing weight 3 lbs.

Sterling Smoked Salt (Sugar Cure)

Ready to use. For curing hams. 7½-lb. pkg.\$1.00
Postage extra.

Axes

Woodslasher, 3½ lbs., with handle\$3.65

World's Finest True Temper. 3 lbs., 3½ lbs. With

Hickory handle 4.55

Knot Klipper. 3 lbs., 3½ lbs. with Hickory handle .. 4.55

White Mountain Ice Cream Freezers

1-quart size\$7.95 4-quart size\$12.50

2-quart size 9.35 6-quart size 16.00

3-quart size 11.50 8-quart size 21.90

Eagle Brand Farm Tarpaulins

Individually packaged in cartons. The right Tarpaulin at the right price. All-purpose sizes that fit the needs of farmers.

Khaki Color Farm Tarpaulins

No. 1 size—6 ft. x 8 ft.\$ 7.56

No. 2 size—8 ft. x 10 ft. 12.60

No. 3 size—10 ft. x 12 ft. 18.90

No. 4 size—10 ft. x 14 ft. 22.05

No. 5 size—12 ft. x 16 ft. 30.24

Brown Color Heavy Duty Farm Tarpaulins

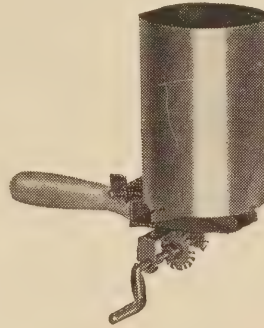
No. 6 size—12 ft. x 18 ft. 41.67

No. 7 size—15 ft. x 20 ft. 57.89

No. 8 size—18 ft. x 24 ft. 83.37

Dazey Churn

New glass jar of sensational design. Easier to clean, more butter, no sharp corners to pocket unchurned cream. New jar can be cleaned easily, quickly. Fully enclosed high-speed gears; longer crank makes churning faster, easier.



No. 4. 4-qt. size. (Churning capacity 2 qts.)\$3.95

No. 8. 8-qt. size. (Churning capacity 4 qts.) 4.95

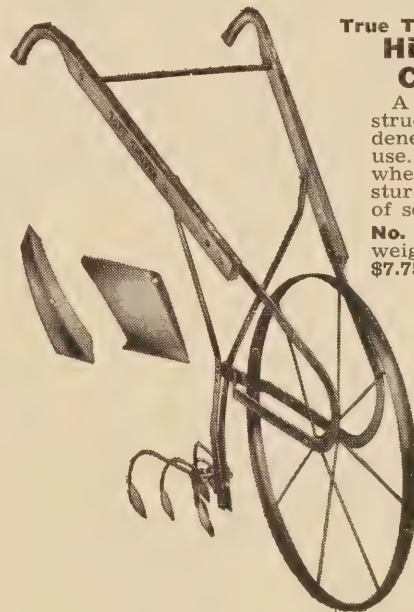
No. 4J. 4-qt. glass jar 1.25

No. 8J. 8-qt. glass jar 1.80

The New Krasco Lawn Seeder-Feeder-Weeder does the trick. For seed—for dry fertilizer—for dry weed killer. Uniform controlled spread assures the best results. Broadcasts in semi-circle in front of operator. Mailing weight 2 lbs. **Price: \$4.95.**

The Cyclone Broadcast Seeder

Will sow Timothy, Clover, Oats, Wheat, Rye, Buckwheat, Red Top, Hungarian Millet, and all other grains and seeds perfectly even. Mailing weight 2 lbs. **Price: \$4.30.**



True Temper Briar Edge High Wheel Cultivator

A popular type of construction for Home Gardeners general purpose use. 24-inch 8 spoke wheel. Low priced but sturdily built for years of service.

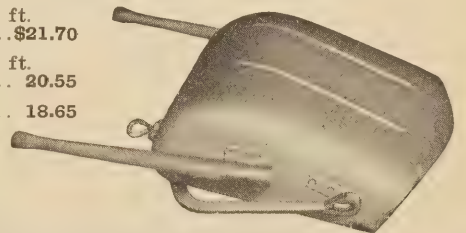
No. 100A. Shipping weight 20 lbs. **Price: \$7.75.**

Steel Scraper With Runners

No. 1. Carries 7 ft. of earth.\$21.70

No. 2. Carries 5 ft. of earth 20.55

No. 3 18.65



STEEL STONEBOAT FRONTS

34 inchPrice: \$12.50

40 inchPrice: 14.25

Cant Dogs

3 ft. x 2%, round bill	Each
3½ ft. x 2%, round bill	\$5.35
4 ft. x 2%, round bill	5.45
	5.65

Farm and Garden Supplies

BIRD Vita-Bands



VITA-BAND D contains root growth until grower chooses to let root through Band. Only quick, slight pressure is needed to crack Band. Do not remove Vita-Band "D" when transplanting. Band disintegrates in the soil permitting free growth of roots from time of transplant. Nutrient-treated with quickly available plant food.

VITA-BAND 10 for short growing periods. Will usually contain root growth up to approximately 8 to 10 weeks. Nutrient-treated with quickly available plant food . . . your judgment determines need for additional feeding. Vita-Band 10 is identical to Vita-Band "D" except Vita-Band 10 is removed at time of transplant. Vita-Band "D" is not.

VITA-BAND "D" is packed 2,000 to the case—except sizes 3" by 3", 4" by 3", and 4" by 4", which are packed 1,000 to the case. Vita-Band 10 is packed 2,000 to the case—except 4" by 3", and 4" by 4", which are packed 500 to the case.

PLANT BANDS		PRICE PER 1000—SIZES IN INCHES						
Sold in units of 1000 only	1½ x 1½ x 2½	1¾ x 1¾ x 2½	2 x 2 x 2½	2 x 2 x 3	2½ x 2½ x 3	3 x 3 x 3	4 x 4 x 3	4 x 4 x 4
VITA-BAND D	\$3.75	\$4.05	\$4.55	\$5.20	\$5.95	\$6.90	\$9.10	\$11.45
VITA-BAND 10	3.60	3.90	4.40	4.90	5.85	6.75	8.85	11.10

BIRD POTS



RED: For shipping only. Not recommended for growing. Lightweight and sturdily made to protect rootball from breakage—inner wax coating prevents drying out. A "must" to preserve the top quality of your plants in transit. Delivering quality promotes repeat business.

VITA-POTS: For growing and shipping—they are nutrient-treated. Growing results are similar to Vita-Bands. VITA-POTS prevent rootball disturbance. No handling and storage of heavy pot. VITA-POTS can be packed quickly

and easily for shipment.

PRICE LIST AND SIZES IN INCHES					
VITA POTS			RED		
	100	1000		100	1000
2 in.	\$1.55	\$14.00	2 in.	\$1.00	\$ 8.60
2½ in.	1.60	14.30	2½ in.	1.00	8.60
2½ in.	1.65	14.85	2½ in.	1.05	8.70
3 in.	1.85	16.40	3 in.	1.15	9.15
3½ in.	2.25	21.60	3½ in.	1.45	12.20
4 in.	2.60	24.65	4 in.	1.65	14.70
5 in.	3.35	31.85	5 in.	2.00	18.15
6 in.	4.40	41.70	6 in.	2.40	22.25

TOM THUMB FLATS



SPECIAL OFFER! Bring customers back to YOU for repeat business by using Tom Thumb Flats imprinted with your name. Use one of these attractive designs, with your ad printed on 4 sides for only \$3.00 per M additional charge. Choice of orange, yellow or light green imprinting. Tom Thumb Flats are made of heavy water

proof fibre resinous material. Use with Vita-Band "D" or Vita-Band "10". The most economical way to sell potted annuals in dozen lots. Potted plants sell easier at premium prices. Build sales and repeat business with easier-to-set-out potted plants in this neat package.

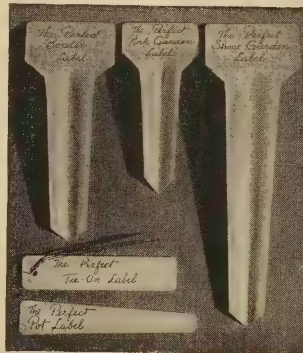
No. 1 for 1 doz. 1¾" Bands; No. 2 for 1 doz. 2" Bands. **ADD \$3.00 PER M TO COST BELOW FOR PRINTING**

Combination 1M Flats				Sold Units of 250 Sets only	Tom Thumb Flats	
12M Vita-Bands D Per 1000 Sets		12M Vita-Bands 10 Per 1000 Sets			Size No. 1	Size No. 2
Size No. 1	Size No. 2	Size No. 1	Size No. 2	Per 1000	\$44.70	\$49.60
\$88.50	\$98.20	\$86.45	\$95.65			

Perfect Garden Label

Accepted as the perfect garden label by all who have used them. Easily and permanently marked with ordinary lead pencil. The beautiful gray-green color blends with the soil, foliage and rocks. Prices postpaid as follows:

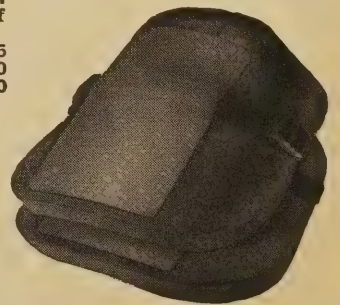
SHOW GARDEN LABEL. Length 7 in., width of marking space 2½ in.
 12 labels \$ 1.50
 25 labels 2.90
 100 labels 11.25
TIE-ON LABEL. Length 3½ in., width ¾ in. Sturdy copper wires in convenient bundles ready bent for attaching.
 100 labels in box . . . \$3.60
POT LABEL. Length 4 in., width ¾ in. at wide end.
 100 labels in box . . . \$3.00



BORDER LABEL. Length 5 in., width of marking space 2 in.
 12 labels \$1.25
 25 labels 2.40
 100 labels 9.25
ROCK GARDEN LABEL. Length 4 in., width of marking space 1¾ in.
 12 labels \$1.15
 25 labels 2.00
 100 labels 7.90

NEEGARDS

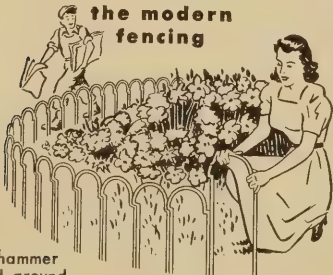
The modern Knee Protector. Ideal for any work that requires kneeling on the ground or on the floor. Neegards are form fitting, completely adjustable to fit any size knees. Price: Per pair, \$2.00; postpaid, \$2.10.



BEAUTIFY and PROTECT your flowers and lawn

with **stikit® wikit**

the modern fencing



Easy to hammer into hard ground

Easily installed, each unit is 21" high, 12" wide, white or green baked enamel on ¼" hardened steel. Carton of two dozen makes 24 feet of fence, enough for the average flower bed.

WHITE OR GREEN **\$2.40 PER DOZEN**

Sprabulbs

For florists and gardeners. Brass discs.

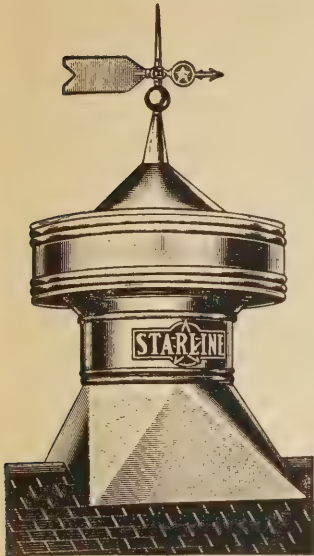
SPRABULB "B."
 8 ounces. Price: \$1.00; postpaid, \$1.10.

SPRABULB "C."
 12 ounces. Price: \$1.50; postpaid, \$1.60.



Starline Barn Equipment and Farm Supplies

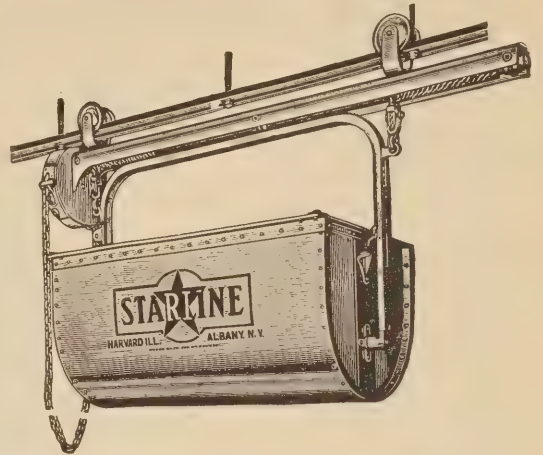
STARLINE LITTER CARRIERS



STARLINE VENTILATORS

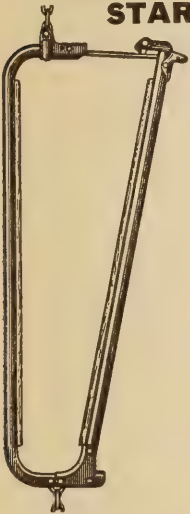
Starline Taper Base Ventilators are generally used on hog houses, poultry houses or other buildings smaller than the main barn, they usually set on the ridge but can be set on the side roof if desired.

- No. 20 Starline Ventilator.** 20-inch; wt. 65 lbs. Price: \$36.00. (Vane extra.)
- No. 24 Starline Ventilator.** 25-inch; wt. 100 lbs. Price: \$48.00. (Vane extra.)
- No. 30 Starline Ventilator.** 30-inch; wt. 150 lbs. Price: \$59.00. (Vane extra.)
- No. RH-12 Starline Frost-Proof Revolving Head Ventilator** (not shown). 12-inch flue, 16x16 in. base; height 31¼ in.; wt. 20 lbs. Price: \$12.90.



- No. 411 Starline Streamlined Litter Carrier.** With No. 6 tub (10 bus.) Price: \$90.00.
- No. 411 Starline Streamlined Litter Carrier.** With No. 8 tub (12 bus.). Price: \$98.00.
- Conveyor Only.** For No. 411 Carrier. Price: \$44.00.
- Bail Only.** For No. 411 Carrier. Price: \$11.50.
- No. 6 Tub** (10 bus.). (No bail or conveyor.) Price: \$34.50.
- No. 8 Tub** (12 bus.). (No bail or conveyor.) Price: \$42.50.
- No. 444 Litter Carrier Track.** 6- and 10-ft. lengths (including No. 852 splicer.) Price: 44c per ft.
- No. 414. 10½-inch Hangers.** Price: 44c each.
- No. P1272 Starline Floor Truck.** For No. 6 or No. 8 tub. Large wheels have 12x3 in. semi-pneumatic puncture proof tires. Caster wheels 6x2 in. tires of same kind. Price: \$76.50.
- No. P433 16-Bushel Starline Feed Truck.** Box 68 in. long, 26 in. wide and 24 in. deep. Rubber tires. Price: \$84.50.
- No. P433 25-Bushel Starline Feed Truck.** For 40 in. alleys or wider. 71 in. long, 30 in. wide, 30 in. deep. Price: \$108.00.

STARLINE STANCHIONS



- No. 1285W Stanchion.** (Not shown.) Wood lined. Price: \$7.30.
- No. 1211W Stanchion.** (As shown.) Wood lined. Price: \$5.90.
- No. 1211 Stanchion.** (Not shown.) All steel. Price: \$5.40.
- No. 497 Stanchion.** (Not shown.) All steel (unlined). Price: \$4.70.
- No. 627 Stanchion Fastenings.** Price: 33c.
- No. 13 Starline Stalls.** 3 ft. 6 in. wide. With No. 1285W Stanchions (and with rust shield.) Price: \$23.30.

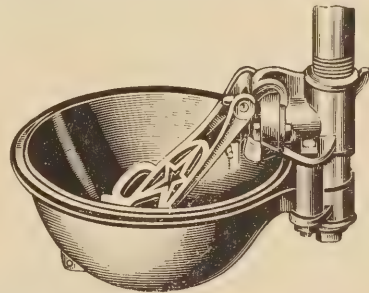
STARLINE HAY BARN EQUIPMENT

- No. 493A Starline Hay Carrier.** 7 inches in diameter. Price: \$31.50.
- No. 564A Starline Hay Carrier.** 4 inches in diameter. A sturdy carrier at a moderate price. Price: \$25.00.
- No. 581 Starline Double Angle Track.** 6- and 10-ft. lengths with No. 582 Splices. Prices: Ft., 44c.

STARLINE LOOSE TINE HAY FORKS

- No. 526.** Standard 26-in. tines. Price: \$18.00.
- No. 532.** Giant 32-in. tines. Price: \$19.00.
- No. 248.** Steel frame pulley with 6-in. hard maple sheave. Price: \$1.80.
- No. 1043.** Hooks in rafter brackets. Price: 10c.
- No. 583-6.** 6-in. track hangers. Price: 35c.
- Starline No. 35 Taper Top Sterilizing Tank.** Price: \$19.50.

STARLINE WATER BOWL



- No. 235 Starline Water Bowl.** Easy to clean. Works under pressure. Easiest for cow to work. Keeps fresh water before the cow all the time. Furnished in gray enamel. Price: \$5.80.

- No. 1000 Galvanized Pressed Steel Bowl.** Price: \$5.80.

We also stock Cannon Ball Barn Door Track, Hangers, Brackets, Stay Rollers, Pulls and Latches. Starline Cannon Ball Track is self cleaning, bird-proof track, with self-oil hangers.

Prices on all these items on request.

BUCH STEEL TRAY WHEELBARROWS

- No. 154 Buch Steel Tray Wheelbarrow.** With wood handles and steel wheel. Capacity 4 cu. ft. Round front. Price: \$18.75. With 2-ply 16x4 plain bearing rubber tired wheel. Price: \$28.75.
- No. 155 Buch Steel Tray Wheelbarrow.** With wood handles and steel wheel. Capacity 5 cu. ft. Price: \$20.95. With 2-ply 16x4 plain bearing rubber tired wheel. Price: \$30.95.
- No. 174 Buch Steel Tray Wheelbarrow.** Same as No. 154 only with square front. With steel wheel. Price: \$18.75. With 2-ply 16x4 plain bearing rubber tired wheel. Price: \$28.75.



No. 154—As Shown

- Buch Buzz Barrow.** Red Tray, 10x2.75 rubber tired wheel. Special shaped wood handles. Steel legs. 3 cu. ft. heaped capacity. Price: \$12.75.
- Buch Whiz Barrow.** Red tray, 10x2.75 rubber tired wheel. All metal frame, rubber handle grips. 3 cu. ft. capacity. Price: \$15.50.

JACKSON WHEELBARROWS

- No. M4-12.** Steel tray 4 cu. ft., with steel wheel. Price: \$15.95.
- No. M4-22.** With 2-ply 16x4 plain bearing rubber tired wheel. Price: \$25.50.
- No. M11-22.** Deep steel tray 5 cu. ft., with 2-ply 16x4 plain bearing rubber tired wheel. Price: \$27.75.
- No. M11-13.** With steel wheel. Price: \$17.95.
- Jackson Middy.** With steel wheel. Price: \$8.95. With 2.75 in. semi-pneumatic rubber tired wheel. Price: \$12.50.

See us for extra steel trays and rubber tired wheels.

Garden and Lawn Supplies

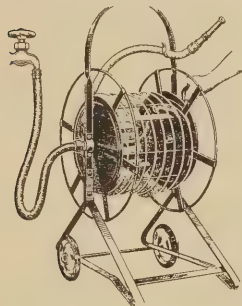


No. GCS—7-piece packed set, offers extra value, weight set 20 lbs. Includes 6 basic tools for home gardeners and handy wall tool holder. Handles lacquered in sparkling goldenrod-yellow.

- No. GC8**—Spading Fork.
- No. GC5**—Garden Shovel.
- No. GC11**—Bow Rake.
- No. GC10**—Garden Hoe.
- No. GC7**—Brume Rake.
- No. GC2**—4-Tine Cultivator.
- No. GTH**—Tool Holder.

Price per set: \$14.00. **No. GTH Tool Holder** only, Price: \$1.25. Other Garden Club Tools and those in set may be purchased separately.

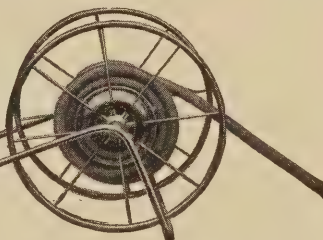
Prices: **No. GC8 Spading Fork**, \$2.55; **No. GC5 Garden Shovel**, \$2.50; **No. GC11 Bow Rake**, \$2.00; **No. GC10 Garden Hoe**, \$2.00; **No. GC7 Brume Rake**, 1.60; **No. GC2 4-Tine Cultivator**, \$2.45.



The Salem Real-Reel

Entirely different from other portable reels. This reel connects with faucet by means of patented leak-proof rotating coupling on the side of the reel. The water passes through this coupling into the hose on the reel, and, while the water is running, as much or as little hose as needed can be unreeled. Sturdy, durable and well balanced. All metal construction. Triples life of hose—eliminates kinks and twists—no need to drag hose on the ground—no more soiled clothes. Attractive green and black finish. Holds 150 feet of hose. Packed one to shipping carton, including 5-foot accessory hose. Weighs about 28 pounds. Can be assembled in five minutes. **Price complete, \$14.95.**

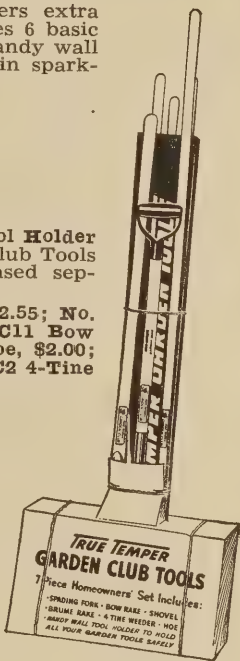
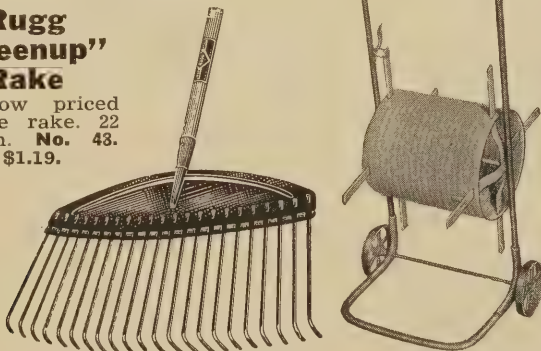
Style "B No. 10" Garden Hose Reel
Tubular steel frame and rims. Sheet steel corrugated galvanized drum. Capacity 125 ft. of 5/8 in., or 100 ft. of 3/4 in., garden hose. **Price: \$7.95.**



"Bluebird" Garden Hose Reel. Tubular steel frame, corrugated sheet steel drum. Capacity 100 ft. of 5/8 in., garden hose. **Price: \$4.95.**

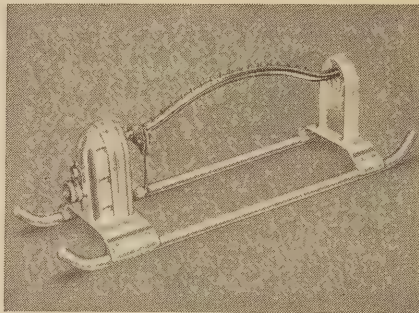
Rugg "Kleenup" Rake

A low priced durable rake. 22 teeth. **No. 43.** **Price: \$1.19.**



Model 950 "Avon" Oscillating Sprinkler

The AVON oscillating sprinkler is highly recommended by expert landscapers and nurserymen throughout the country. Its unique principle of oscillating back and forth enables one side to absorb while the other side is being irrigated, thus preventing wash or pools of water. The AVON will operate satisfactorily at 30 lbs. water pressure and will irrigate an area of 1500 sq. ft. or more, depending on pressure. Its construction is of the finest materials obtainable consisting of copper, stainless steel, bronze, mica and Oilite bearings to insure long life. The mechanism is encased in a separate chamber and packed in water repellent grease, keeping it free of any foreign substance and preventing corrosion. Mailing weight 5 lbs. **Price: \$14.95.**



Avon Rotary Type Sprinkler, Model 700. Mailing weight, 3 lbs. **Price: \$4.95.**

Avon Model 400 Flower Irrigator. Overall height, 4 ft. Mailing weight, 3 lbs. **Price: \$4.95.**

Spike Disc Lawn and Green Cultivators

For the aeration and conservation of lawns, putting greens and fairways.

Designed Especially for Home Lawns

Tray is provided for weight to be added for deeper penetration of hard baked soils.

Eight discs of High carbon Alloy Steel.

For best results, Spike Disc should be used for reseeding, fertilizing and top dressing. By light sprinkling after use, the

seed and fertilizer are settled into the perforations and not washed away by flooding rains or high winds.

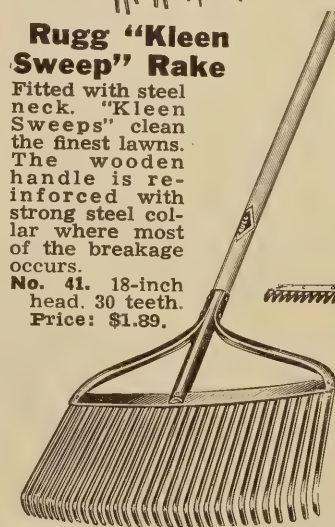
The Spike Disc Aerator will not harm the appearance of the lawn as turf hides the thin slotted cuts. **No. 8T Aerator. ...\$15.00**



Rugg "Kleen Sweep" Rake

Fitted with steel neck. "Kleen Sweeps" clean the finest lawns. The wooden handle is reinforced with strong steel collar where most of the breakage occurs.

No. 41. 18-inch head. 30 teeth. **Price: \$1.89.**



A-1 Sunbeam Hedge Trimmer

Faster, easier way to trim hedges, shrubs, ornamental trees. So light in weight it can easily be used with one hand. Saves time—gives neat, professional results—takes arm-aching drudgery out of trimming. Well balanced for easy handling.

No. A-1 Sunbeam Hedge Trimmer. 110V. AC-DC. Packed one to a box. Shipping weight 7 lbs. **Price: \$46.25.**

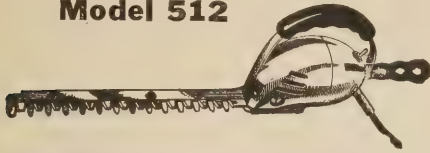
No. G-11BW. Extension Cord. 50 ft. Mailing weight, 4 lbs. **Price: \$4.50.**

No. G-12BW. Extension Cord. 75 ft. Mailing weight, 5 lbs. **Price: \$6.25.**

No. G-13BW. Extension Cord. 100 ft. Mailing weight, 7 lbs. **Price: \$8.25.**

Farm and Garden Supplies

Skilsaw Electric Hedge Trimmer Model 512

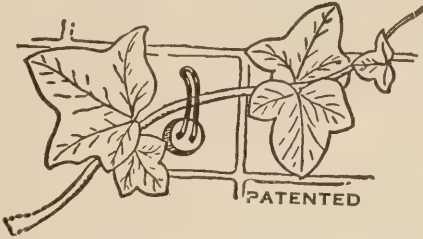


A Real Tool For a Real Job!

Built to give enduring service. Has universal electric motor with die-cast aluminum housing and handy thumb-operated toggle switch. Special alloy gears. Cutter blade, 12 inches long, is made of finest steel. Price shown below includes 6 feet of best rubber-covered cord. **Price: \$41.25.**

Wayward Vine Guide and Support

A new and easy way to train all kinds of vines to stucco, brick, stone, cement and wood walls without nails or holes because the supports are cemented to the wall with a special material supplied for this purpose. This special cement is not affected by any weather conditions. The vines are held in place by wire loops which may be bent easily. Your choice of brick-red, gray, or white. State color wanted. **Price: Per box of 25, including cement, \$1.00, postpaid.**

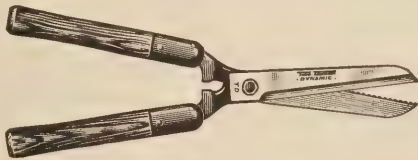


True Temper Hedge Shear

True Temper Dynamic Hedge Shears are made from finest quality hedge shear steel and precision fitted.

Blades: upper knife sharp, lower serrated. Dynamic hinge bolt and nut designed especially for this shear gives close and positive adjustment. Fire hardened oval design handles.

No. TD. Blade length 8½ inches. Mailing weight 3 lbs. **Price: \$3.50.**

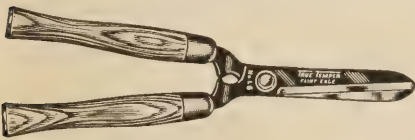


True Temper No. 20 "Flint Edge" Hedge Shear



Hardened and tempered shaped round handles 9" long. Overall length 19½". Mailing weight, 3 lbs. **Price: \$2.75.**

True Temper No. L6 Flint Hedge Shear



6-in. blades, extra lightweight. Ideal for small homes to trim hedges and grass. 6 in. special analysis steel blades. Mailing weight, 2 lbs. **Price: \$1.75.**

Ezy-Cut Grass Shears



No. 257 Improved Ezy-Cut Grass Shear. A handsome, highly efficient tool. Positive one-hand thumb catch. Mailing weight 2 lbs. **Price: \$2.75.**

No. 057. Special Ezy-Cut Grass Shear (not shown). A splendid value that will give good, efficient service. Mailing weight 2 lbs. **Price: \$1.19.**

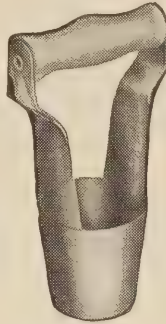
No. 1575 New "Stand-Up" Grass Shears. With adjustable wheel. (Not shown.) Mailing weight 6 lbs. **Price: \$3.85.**

True Temper Lawncomb Rakes

The Lawncomb rake has 24 flat, flexible spring steel teeth.

No. LC18. 8-inch teeth, 18 inches wide. **Price: \$2.35.**

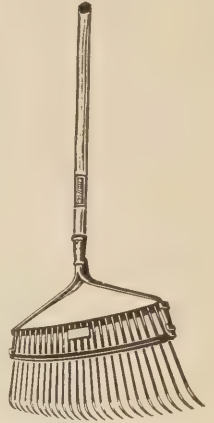
No. LC24. 9½-inch teeth, 24 inches wide. **Price: \$2.85.**



Bulb

Planter

An indispensable tool because it makes a perfect planting hole for practically all sorts of bulbs without disturbing the surrounding soil. **Price: 95c; post-paid, \$1.05.**



Doo-Klip Long-Handle Grass Shear

Solid rubber wheels weighing only 4 ounces support the blades and handle, permitting easy use with one hand.

\$3.75

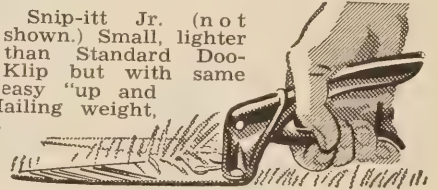
Same pinch-proof "up and down" handle action used in standard Doo-Klip grass shear.

Snip-itt Jr. (not shown.) Small, lighter than Standard Doo-Klip but with same easy "up and down" action. Mailing weight, 2 lbs. **Price: \$1.60.**



Doo-Klip Standard Grass Shear

America's favorite shear with the "up and down" action—as easy as a hand-shake. Serrated, cadmium plated blades grip and cut grass smooth and clean. Self-sharpening, self-tension blades, and pinch-proof handles. Mailing weight, 2 lbs., **Price: \$2.10.**



MAGIC WEEDER HOES



The best tools for the home garden. They turn work into pleasant pastime.

Style G, H and K. Orange lac handles, other styles red lac handles.

Style A. 3 tines, 5¼-in. handle. **Price: 17c.** Mailing wt., 1 lb.

Style B. 3 tines, 14-inch handle. **Price: 25c.** Mailing wt., 1 lb.

Style BB. 3 tines, 33-in. handle. **Price: 40c.** Mailing wt., 1 lb.

Style C. 4 tines, 5¼-in. handle. **Price: 25c.** Mailing wt., 1 lb.

Style D. 4 tines, 5¼-in. handle. **Price: 40c.** Mailing wt., 1 lb.

Style E. 4 tines, 5¼-in. handle. **Price: 40c.** Mailing wt., 1 lb.

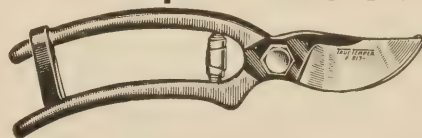
Style F. 4 tines, 42-inch handle. **Price: \$1.00.** Mailing wt., 2 lbs.

Style G. 4 tines, 48-in. handle. **Price: \$1.25.** Mailing wt., 3 lbs. Larger and stronger than Style F.

Style H. 4 tines, 48-in. handle. **Price: \$1.45.** Mailing wt., 3 lbs. Square blade cuts roots, etc.

Style K. 4 tines, 48-in. handle. **Price: \$1.45.** Mailing wt., 3 lbs. "V" blade, excellent for planting.

True Temper No. F917 Pruning Shear



California Pattern. New hand-shaped grip with leather catch. Volute spring. Length, 8¼ in. Mailing wt., 1 lb. **Price: \$2.25.**

DOBBINS Superbuilt SPRAYERS



No. 44GS

Bighead Sprayers

44GS Bighead. (as shown.) Galvanized tank. 4-gallon capacity. Price: \$13.45.
44SS Bighead. Stainless steel tank. 4-gallon capacity. Price: \$23.20.

No. 728
Capacity
1 Quart



Dobbins Sprayer

No. 728. Finest quality continuous type copper sprayer. Brass nozzle. Mailing weight 2 lbs. Price: \$5.00.

Bighead Sprayers

34GS Bighead. (as shown.) Galvanized tank. 3½-gallon capacity. Price: \$11.15.

21G Fun-L-Fill. Galvanized tank. 3½-gallon capacity. Price: \$9.95.

21SS Fun-L-Fill. Stainless steel tank. 3½-gallon capacity. Price: \$15.20.



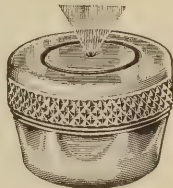
No. 34GS

Budget Sprayers

24G Budget. (as shown.) Galvanized tank. 3½-gallon capacity. Price: \$7.60.
26G Budget. Galvanized tank. 2½-gallon capacity. Price: \$7.05.



No. 24G



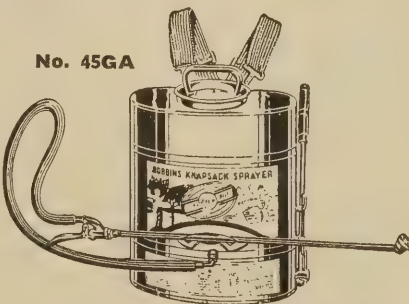
No. 4679 Dobbins Nozzle Cap. All brass, with strainer and whirl disc. Mailing weight 1 lb. Price: 75c.

Knapsack Sprayers

46GA Knapsack. (as shown.) Galvanized tank. 4½-gallon capacity. Price: \$31.50.

46BA Knapsack. Brass tank. 4½-gallon capacity. Price: \$46.25.

Both equipped with agitators. Ideal for weed control chemicals.



No. 45GA

No. 8 Deluxe Garden Sprayer

No. 8 Deluxe. (as shown.) Galvanized tank. 2-gallon capacity. Light weight, attractive streamlined design. Ideal for the home gardener. Price: \$11.70.



Flame Sprayer

Kills weeds and grasses. Burns rubbish and brush. Removes weeds from driveways, irrigation and drainage ditches, roads and fence rows. Disinfects poultry houses and yards, rabbit hutches. Heats and thaws.

No. 310 Flame Sprayer. (as shown.) Galvanized tank. 4-gallon capacity. Price: \$23.50.

Dobbins Wheelbarrow Sprayers

No. 3171R



No. 3171R. Wheelbarrow Sprayer. 12-gal. galvanized tank. Pressure tank easily maintains 150 lbs. pressure. 16-in., semi-pneumatic rubber tired wheel. Price: \$47.20.

No. 3171. Same as above but with steel wheel. Price: \$41.60.

No. 3191. (Not shown.) 18-gal. galvanized tank. Pressure tank maintains 200 lbs. pressure. 16x4 in. pneumatic tire. Price: \$78.00.

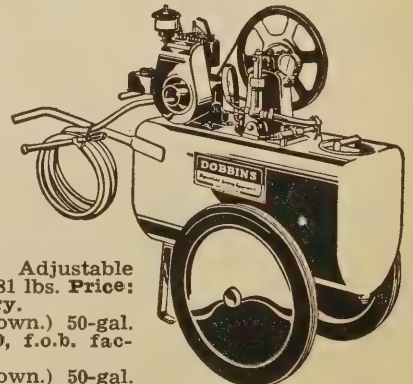
Power Sprayers

No. 424OR Power Sprayer. (as shown.)

A portable light weight sprayer. Pressures from 0 to 250 lbs. at 1½ gals. per minute. 25-gal. tank; 1 h.p. B. & S. engine; 2½x20 semi-pneumatic tired wheels; gear-driven agitator. Stainless steel pump piston; Oilite crankshaft bearing; 12½-ft. oil and chemical resistant spray hose. Adjustable spray gun. Weight 181 lbs. Price: \$219.75 f.o.b. factory.

No. 425OR. (not shown.) 50-gal. tank. Price: \$286.50, f.o.b. factory.

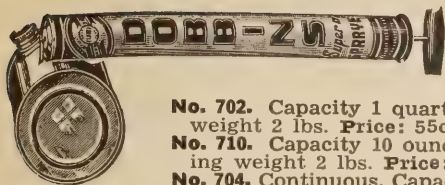
No. 426OR. (not shown.) 50-gal. tank. 3 G.P.M., double cylinder, 1½ h.p. B. & S. engine. Price: \$368.50, f.o.b. factory.



No. 424OR

All prices subject to change without notice.

Farm and Garden Supplies

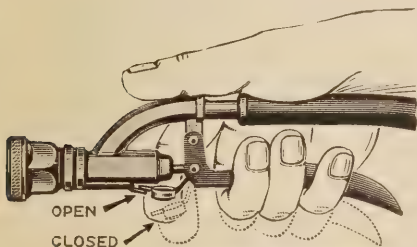


Dobbins Sprayers

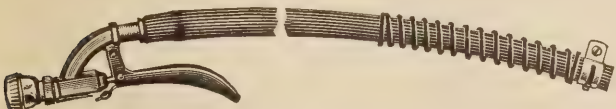
- No. 702.** Capacity 1 quart. (Tin.) Mailing weight 2 lbs. Price: 55c.
No. 710. Capacity 10 ounces. (Tin.) Mailing weight 2 lbs. Price: 45c.
No. 704. Continuous. Capacity 1 qt. Mailing weight 2 lbs. Price: \$1.15.

DOBBINS No. 132 SUPERBILT DUSTER

Pump 3-in. diameter; 7½ in. long. 2-way dust cap. 24-inch steel extension. Mailing weight 3 lbs. Price: \$2.10.



- No. 223 Dobbins Shut-Off.** Brass construction. Mailing weight 2 lbs. Price: \$2.20.
No. 4586. Dobbins Automatic Shut-Off Nozzle. With 30-inch hose, clamp and coil spring. Mailing weight 3 lbs. Price: \$2.75.



- No. 353. 24-in. Brass Extension Rod.** Straight. Mailing weight 2 lbs. Price: 90c.
No. 354. 36-in. Brass Extension Rod. Straight. Mailing weight 2 lbs. Price: \$1.15.

* Insect-O-Gun

Sprays Insecticides - Fungicides

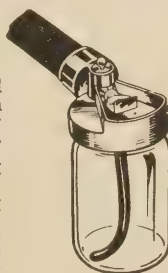


The finest, most complete, general purpose sprayer for smallest gardens to largest estates. Jar holds enough to make 3 gallons of properly proportioned spray . . . any brand or type, even wettable sulphur or Bordeaux mixture. Cleans in 30 seconds; replaceable Mason jar; pistol grip; rugged life-time construction; guaranteed. New, easy-to-use water valve control . . . just push ball up . . . it stays on . . . pull it down . . . it stays off. A touch of the thumb does all the work. Complete with pint jar. Mailing weight 4 lbs. Price: \$5.95.

* Gard-N-Gun

Sprays Insecticides - Fungicides

A compact, lightweight sprayer, ideal for small gardens. 1½ gallon capacity with each filling of the ½ pint jar. Fine spray saturates leaf surfaces quickly. Easy, simple spray control . . . just push the ball shaped knob forward to turn on spray . . . pull it back to turn off spray! A touch of the thumb does all the work! Uses any brand or type of spraying material . . . wettable sulphur and Bordeaux mixture included. Complete with ½ pint jar. Mailing weight 3 lbs. Price: \$2.95.



Myers Power Sprayers

Inquiries Solicited.

Myers Compressed Air Sprayers

- No. 2240 Myers Kwikfill 2½-gal. Galvanized Tank Sprayer** with 18-in. brass extension rod. Price: \$12.10.
No. 2242 Myers Kwikfill 4-gal. Galvanized Tank Sprayer with 18-in. brass extension rod. Price: \$13.40.
No. 2242B. Same as No. 2242 with brass tank. Price: \$20.10.
No. 2240B. Same as No. 2240 with brass tank. Price: \$18.30.

Myers New Idea Knapsack Sprayers

- No. 1330A Myers New Idea Galvanized Tank Knapsack Sprayer,** fitted with ¾-in. brass pipe extension with 45° Fembro spray nozzle. Price: \$32.45.
No. 1331A. Same as No. 1330A except with brass tank. Price: \$44.30.



BROWN'S OPEN-HED SPRAYER No. 64D

Electrically welded, hot galvanized coated. 4-gal. capacity. Price: \$15.30.



Myers Portable Sprayer

- Suitable for greenhouse work, spraying trees, white-washing, painting, etc.
No. R336½B Myers Portable Sprayer with dasher and jet agitator, 12½-gal. tank, 15-ft. ½-inch 5-ply discharge hose, 8-ft. steel pipe extension and Vermorel nozzle. Price: \$47.65.
No. 327½ Myers Bucket Pump. (not shown.) Price: \$9.05.
Myers "Silver Prince" Portable Sprayer. Wheelbarrow type engine-powered model (not shown), 12½-gal. tank capacity; 225 pounds pressure, capacity 2 GPM. Rubber-tired wheel. No. 4502-2ER12½. Price: \$226.50, f.o.b. Ashland, Ohio.

MYERS NOZZLES

Fembro 45 degree nozzle. \$1.40; or \$1.50, postpaid.
 Fembro straight nozzle. \$1.25; or \$1.35, postpaid.

SMITH'S AQUAMATIC NOZZLES (Not shown)

No. 666. Aquamatic. Complete with two nozzles. Mailing weight 2 lbs. Price: \$4.56.

No. 70. Aquamatic. Control only. Mailing weight 2 lbs. Price: \$3.35.

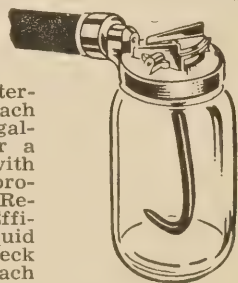
BORDEAUX NOZZLE (Not shown.)

Each \$2.05, or \$2.15, postpaid.

We also solicit your inquiries for Myers Spray Guns and accessories.

* Gro-Gun Sprays Fertilizers - Weed Killers

Feeds lawns or gardens while watering them. Sprays 15 gallons with each filling of pint jar furnished, or 30 gallons when using quart jar. Cover a small hole on the side of the cap with the index finger to spray properly proportioned fertilizer or weed killer. Remove finger to spray plain water. Efficiently dispenses powdered or liquid materials. Dual cap fits narrow neck bottles and wide mouth jars. . . attach fertilizer or weed killer bottles directly to the Gro-Gun. Complete with pint jar. Mailing weight 3 lbs. Price: \$2.95.



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Bovung	65	Fertilizers	65, 66	Mowers, Lawn	74, 75	Salt Bricks	83	Tobacco Dust	65
Bowls, Water	85	Flats	84	Mowers, Power Lawn	74, 75	Saws	82	Tractor, Planet Jr.	73
Brooders	78, 79	Flex-O-Glass	79	Mowers, Power Lawn	74, 75	Scrapers, Steel	83	Train-etts	82
Brooms	77	Flying Disks	82	Neegard	84	Scythes	72	Trellises	81
Burner, Rubbish	77	Forks	82	Nod-O-Gen	4	Semesan	68	Tri-ogen	67
Caps, Bottle	77	Garden Tools	72, 86	Nozzles, Hose	76, 80	Shears, Grass	72, 73, 82, 87	Twine, Binder and Baler	74
Carbola	68	Grass Catchers	74, 75	Nozzles, Spray	89	Shears, Hedge	87	Ventilating Fan	78
Carbolineum	68	Grindstones	74	Plantabbs	66	Shears, Pruning	74, 87	Vertagreen	65
Cattle Cards	72	Halters	77	Planet Jr. Tools	73	Silo	77	Vigoro	64
Cel-O-Glass	79	Hand Power Unit	77	Posts, Electric Fence	80	Snarol	67	Vita-Band	84
Chaperone	68	Handi-Cart	75	Pots, Flower	81	Snaths	72	Volck	67
Chimney Sweep	80	Hedge Trimmer, Electric	86, 87	Pots, Neponset Paper	84	Soil Soaker	76	Wafers	78
Churns	83	Hoes	72	Poultry Supplies	78, 79	Soil Test Kits	80	Warfarin	68
Chicks	78	Hooks, Cant	83			Soilfume Caps	65	Water Glass	78
Cleaner, B-K	77	Hooks, Grass	72			Sowers, Seed	83	Wax, Grafting	68
Clippers	77	Hooks, Potato	72			Spike Disc Culti- vator	86	Weed Killer	68, 76
Controllers, Elec- tric Fence	80	Hose, Garden	76			Sprabulb	84	Wheelbarrows	76, 85
Couplings, Hose	76					Sprayers	66, 88, 89	Wire, Fence	77, 80

No. 392D Larkspur

Blooms early and stays in bloom all summer. It is a very popular annual of branching growth and with soft green, finely cut foliage. Fine for garden or cut flower. It is the annual Delphinium. See page 38. Finest Giant Mixed Colors. Pkt., 10c; $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 40c.



Unwin Dahlias

Dwarf Hybrid Giant Seeds Mixed. Tender perennials treated as annuals, 20 to 30 inches high, single, double and semi-double flowers in many attractive colors blooming the first year from seed. Excellent for masses or beds, for borders and as cut flowers. Plants are dwarf and bushy. No. 371. Pkt., 10c; $\frac{1}{8}$ oz., 50c. See pages 52 and 59 for Dahlia lists.

No. 1358 Zinnias

California Giant-Flowered Zinnia

The plants are about 2½ to 3 feet tall, very firm and bear many strong stems of fully double, huge flowers which somewhat resemble the show type Dahlia. Flowers are much improved, 4 to 6 inches across, of many colors. Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 35c.





Princess Asters

No. 74 Asters, Princess

Free flowering, early blooming, strong stems. Flowers up to 3 1/2 inches, have a full deep crested center surrounded by several rows of petals. Wilt resistant. See page 33. Finest mixed colors. Pkt., 10c; 1/8 oz., 40c.

No. 1365A Zinnia, Persian Carpet

1952 Winner

Dwarf plants begin blooming early; grow into tidy, well behaved, 12-inch mounds of brilliant color, each one different. Pick dozens of flowers, no two alike, about silver dollar size. Pkt., 25c. See page 49.



Zinnia,
Persian Carpet

Tuberous Rooted Begonias

Bulbs about 2 inches in diameter. Should be started early inside and set in the open about June 1st. They bloom quickly and make a beautiful display all summer. See page 60. Each 25c; doz., \$2.40.

Tuberous Rooted
Begonias



Ross
Bros.
Co.
Worcester,
Mass.